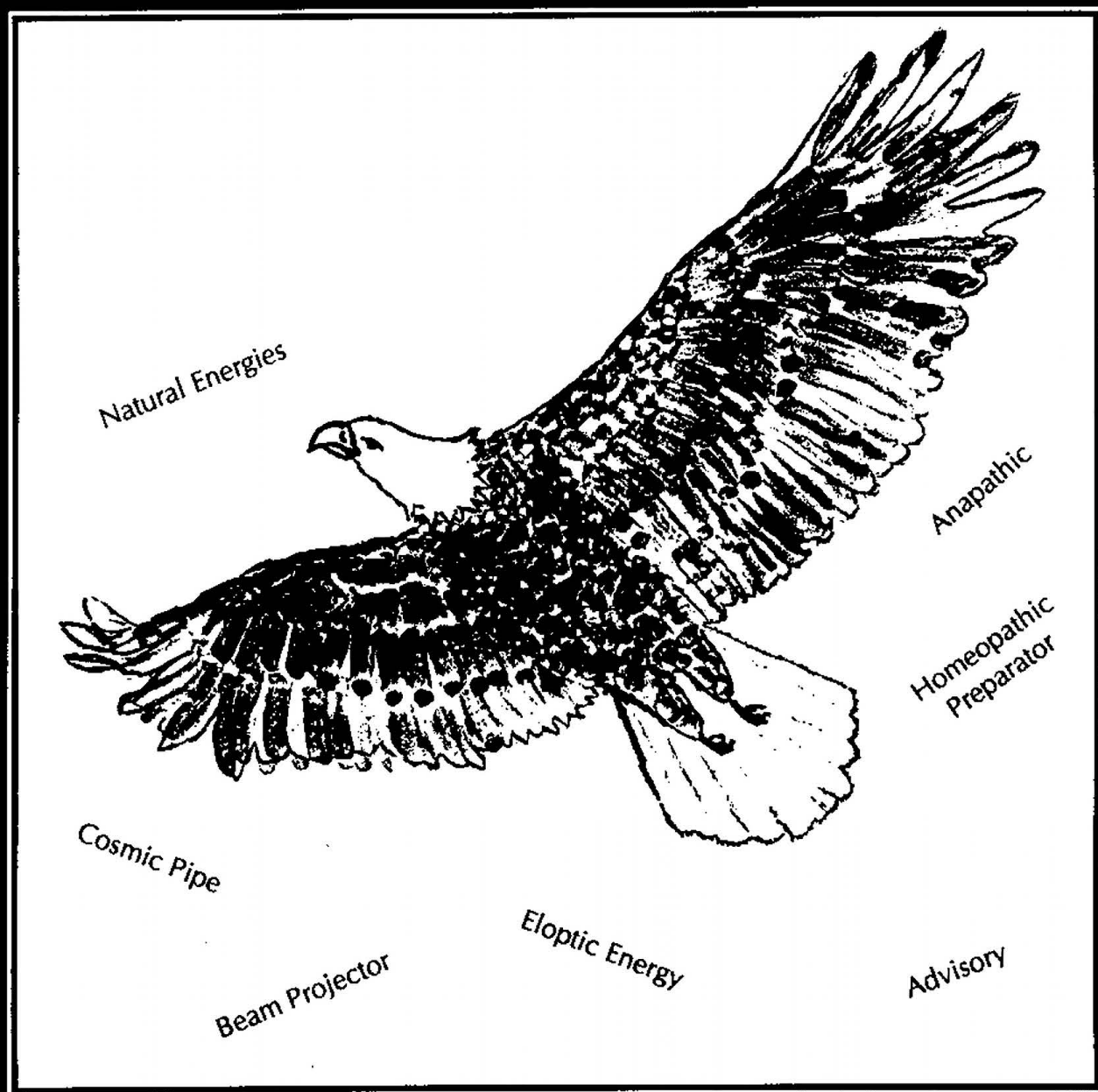


THE STORY OF ELOPTIC ENERGY



THE AUTOBIOGRAPHY
OF AN ADVANCED SCIENTIST
DR. T. GALEN HIERONYMUS

**THE STORY
OF
ELOPTIC ENERGY**

**THE AUTOBIOGRAPHY
OF AN ADVANCED SCIENTIST
DR. T. GALEN HIERONYMUS**

COMPILED AND EDITED BY:

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JULY, 1988



Dr. Thomas Galen Hieronymus
1895 – 1988

Porter County Health Department

Certificate of Birth

This Certifies: that according to the Records of this Health Department

Name THOMAS GALEN HIERONYMUS

Was Born in VALPARAISO Indiana, on NOVEMBER, 21st. Year 1895.

Child of J. F. HIERONYMUS and MATTIE TOTUM HIERONYMUS.

Birth was Reported by J. C. Carson, M.D.

Record was Filed November, 25, 1895 Volume 1892 Page 18.

By G. B. Henry, M.D. County Health Commissioner

By Freda M. Gray Deputy

Issued February, 22, 1943.

According to the Records

Francis (Franz) Hieronymus was born September 24, 1729, in Vienna, Austria. He arrived in America October 13, 1747, aboard the Dutch ship "The Two Brothers," Capt. Thomas Arnot, Commander. He settled in Loudon County, Virginia. In 1760 he married Elizabeth Rector, born 1746. They had ten children, of whom Henry Hieronymus was one.

The children of Henry Hieronymus and his wife, Sarah, included James W. Hieronymus (who later served in the Union Army, was captured, and died in Libby prison, Andersonville, Georgia) who married Nancy Miller (born October 17, 1831). James W. Hieronymus (born 1832) bought a 135 acre farm 12 miles south of Lawrenceburg, Kentucky.

My father, James Frederick Hieronymus was born on that farm on March 5, 1861. My father lived on that farm for 19 years. He tended the farm and the stock. He taught music and sold organs in four counties of Kentucky for two years, then went to Jackson County, Missouri in August, 1882, where he continued to sell organs and teach singing schools in various parts of the area. Later, he raised saddlehorses and short horned cattle. He was married twice. The first time to Matilda Stayton and raised a daughter, Fedora May. He was married in 1894 to Mary Jane Tatum (1872), my mother. They had four children.

James Frederick and Mattie Hieronymus were the parents of Thomas Galen Hieronymus, who was born November 21, 1895, at Valpariso, Indiana and died February 21, 1988, at Clayton, Georgia. Thomas Galen Hieronymus married Edith Hughes (born 1901) in 1916. Their only child was Velma Hieronymus (born in 1917, died in 1981). The marriage ended in divorce.

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Thomas Galen Hieronymus' second wife was Louise Barbara Williams, born 1901 in Lake Charles, Louisiana, and who died in 1974 in Ft. Lauderdale, Florida. Their children were Alan Van Lieu Hieronymus (born 1927), and Janet Gale Hieronymus (born August 1930).

Alan's wife's name is Barbara. They had a son, and possibly other children.

Janet Gale married Charles Mullis in 1951, and they now live in Organ, New Mexico. Their children are Linda, Charles Jr., and Galen Mullis.

Linda Mullis married Charles Specht. Their children are Jimmie and Jadee (short for Janet Dorothy).

Charles Mullis, Jr. (Chad) married Rene Marz in 1981. They have two children, Devon Marie, born August 3, 1983, and Keaton, age two-and-a-half years.

Thomas Galen Hieronymus married Sarah Williams Gran, February 13, 1980. His stepchildren by this marriage are Marta Gran Scott, Judith Gran Mitzlaff, Victor Gran and Constance A. Gran.

Marta Gran Scott and her husband, George Scott have 3 children, George M. Scott, Gregory William Scott, and Denise (DeeDee) Scott.

Judith Gran Mitzlaff and Alan Mitzlaff have 2 children, Daniel and Karl Mitzlaff.

Victor and Roberta Gran have two children, Jill, and Jacquelyn.

Hieronymus Coat Of Arms



Hieronymus

The Story of Floptic Energy



Mrs. Charles W. Mullis, Sr. (Gale Hieronymus Mullis, daughter of Dr. Galen Hieronymus), and her family; her daughter Linda (Mrs. Charles Specht), her son, Galen Mullis, her Husband, Charles W. Mullis, Sr. (Chuck), and her son, C. W. Mullis, Jr. (Chad).

The Autobiography of an Advanced Scientist



Charles Specht, Linda Mullis Specht, Jadee Specht (daughter) and Jimmie Specht (son).



C. W. Mullis, Jr. (Chad), his wife, Rene' Marz Mullis, their children, Devon Marie Mullis and Keaton Mullis.

The Story of Eloptic Energy



Dr. T. Galen Hieronymus' four great-grandchildren, Jimmie Specht, Jadee (Janet Dorothy) Specht, Devon Marie Mullis and Keaton Mullis



Dr. and Mrs. T. Galen Hieronymus. (Samh and Galen.)

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Tracking the Astronauts:

A still hidden milestone in the history of science.

By: Rho Sigma

It was about 20 years ago, at the height of the US Space program. The lunar landing project, set as a goal by then President John Kennedy for the decade ending with 1970, was nearing its climax. A middle-aged aerospace research engineer at the NASA—MSFC facility in Huntsville, Alabama, had heard persistent rumors about a gentleman named Galen T. Hieronymus and his amazing invention, and was on his way to said inventor's then residence in Fort Lauderdale, Florida. Recalling Thomas Huxley's admonition: "I am too much of a skeptic to deny the possibility of anything," his curiosity prompted him to pay Galen Hieronymus a personal visit in order to learn more about him and his experiments.

Galen, at that time a very youthful septuagenarian with the natural curiosity of a child and the persistence of a trial lawyer welcomed the stranger—yours truly—and showed him some of his equipment, telling him at the same time of his research and experiments with an astounding form of energy which was quite evidently not part of the known textbook physics and/or part of the E/M spectrum. Jokingly, he mentioned the various states of his frustration concerning the stony silence of the establishment in view of the amazing results he had achieved with what he chose to call "Eloptic Energy."

"I feel like saying 'STOP THE PLANET AND LET ME GET OFF!'"

Well, fate had decreed otherwise, as his many friends found out, and Galen was merely scheduled to leave his ho-hum retirement community in Florida with the shuffle boards and gala-community affairs, and again to enter the life of an active scientific pioneer for another 20 years of new achievements in the wilds of the quiet Georgia mountains, interrupted only by frequent travels, including to places in Switzerland and Brazil.

Recalling his successful experiments with personnel aboard submerged submarines, he suggested to start investigating the possibility of tracking the biological functions of American astronauts circling the moon during the upcoming APOLLO 8 flight. So far, the energy he was dealing with had shown no detectable attenuation characteristics. Would it be possible to utilize it also out in space, following the astronauts on their way to the moon and back again?

This intriguing question was privately discussed among some of the technical and scientific people at the NASA Center in Huntsville, and preparations were made to prepare the first private forum for Galen Hieronymus in our residence there. Soon a hardcore of about 20 engineers with various qualifications listened to Galen's and his operator-wife's lively accounts of their various experiences, and his instrument was duplicated by some of the engineering types—with success!

Thereafter, some excellent photos of the astronauts scheduled to go on APOLLO 8 were secured from NASA channels and a hot-line was prepared between Galen's residence in Florida and our private residence in the space-city of Huntsville, Alabama. With the help of Mrs. Hieronymus, the astronauts were checked out about 2 days before the flight and a baseline of their various biological

Preface

values established. The tracking of these values was continued before and during lift-off of the APOLLO 8 moon rocket and periodically checked at short intervals during the flight to the moon. One of the prime questions was: Would the energy-connection hold for thousands of miles in airless space, even when radio-contact with the astronauts would be interrupted when their vehicle was "behind the moon," and thus all communication with them would cease? How would NASA know whether the retro-rockets would function properly during this critical time period? If this particular small rocket, (without backup system) did *not* function properly, the correct orbit around the moon might not be established and the brave crew could be lost in space, period. A call from Florida, *not* from the Kennedy flight Center, but from the home of Galen and his wife, brought welcome news. The adrenal glands of the astronauts had registered a change, together with the vitality of their bodies. Everything had worked as scheduled and the astronauts were safe!

There was considerable excitement among the small band of "those in the know" in Huntsville and a subsequent 300 copy report with graphs and charts of intensity values was prepared by volunteers, including Galen himself, who worked late into the night, with the enthusiasm of a teenager expecting to drive a car for the first time in his life. Free copies were sent to journals and personalities who should have been interested in this remarkable experiment. A former secretary of Dr. Wernher V. Braun, the Director of the Space Center in Huntsville, persuaded him to take a copy of the report along to a conference with the space medical people in Houston, Texas. Well, the expectations were premature, and not even a small science fiction magazine known for its "far-out" material showed any inclination to publish anything about it! Dr. V. Braun was told in unmistakable ways to "stick to his rocket-building" and leave the medical projects to the authorized NASA medical doctors. The iron curtain of the establishment did *not* open, period. Many more interesting sessions in Huntsville with Galen and his wife forged a close bond between him and yours truly. In one case, our German Shepherd was bitten by a poisonous snake during one of his visits to a deep drainage ditch and came limping home, his paw badly swollen and showing the teeth mark of the snake. A proper "rate" brought relief within a few hours and the dog recovered beautifully. Many of us wondered at the time: Would application of this new knowledge be limited to the animal and plant kingdom because of the close-minded attitude of "vested interests?"

Was this civilization so blinded by greed that it could or would not see the tremendous impact this space experiment should have made? Was nobody curious anymore?

The space program was winding down and the qualified research people are gone with the wind, it seems. A strong personal bond had developed and many hours of happy and wild ideas with Galen, who liked to introduce himself as "one of the Jones' boys," were registered in the Akashic Records. His passing will be mourned by many, since the undersigned and most of his friends fully expected to see him celebrate his 100th birthday. But his achievements will be kept alive and his work continued.

Farewell, dear friend, until we meet again! Your laudatio will be written by more evolved beings than those who rejected your experiment with the astronauts . . .

To my beloved Wife and Partner, Sarah Williams Hieronymus,
who, with her love, devotion to me and my work, and her faithful
and unselfish work in my behalf, made these years since 1979
the best years of my life; to her children and grandchildren,
to my daughter Gale and her family; to my faithful employees
and associates, and to our research associates,
this book is affectionately dedicated,
with all my Love and Appreciation.

T. Galen Hieronymus, Ph.D.

Of my arrival and early sojourn in this world . . .

I

Of my arrival and early sojourn in this world . . .

Once upon a time, as the stories in storybooks begin, there was a young man named James Frederick Hieronymus and his wife, Martha Jane Tatum Hieronymus. They were living in a town called Valpariso, Indiana, on the date of my arrival in this world on November 21, 1895.

Apparently, from all accounts, I was greatly endowed with insatiable curiosity, even at an early age, and possessed an analytical mind over-stocked with question marks.

I do not remember when my parents moved back to South Missouri. We lived out in the country near my grandparents and I had lots of cousins. We used to play throwing a ball over my maternal grandmother's house. We usually chose the time for our game when my dear grandmother had finished her chores and had retired to a quiet place to meditate. Upon her anguished protest, we had to move our game elsewhere. As time went on, a baby sister joined our family, and then another! And another. Instead of just "son," I became "big brother." I was a typical country boy, barefoot in summer, wearing a blue chambray shirt and a pair of blue denim overalls. I went fishing for crawdads in the creek. As the eldest of the children, I helped my mother wash dishes and did small chores. I started to a little country school when I was about six years old. All the boys wore blue shirts and overalls too, so I felt right at home dressed just as they were.

My mother had a stiff knee and found it difficult to move about without crutches, but with what little help I could give with the chores, she took excellent care of her family. Tho' I was quite young, I remember her sisters coming to dinner at our house on Sundays. After a beautiful meal my mother had cooked over a hot stove on a hot

The Story of Eloptic Energy

Sunday, our dinner guests would say, "Mattie, that was a tasty dinner! We'll go out and sit on the porch now. If you need any help with clearing away, just call us." Then they sat on the vine-shaded porch fanning themselves and gossiping while mother and I cleared the table and washed and dried the dishes. I made a big decision then, though I was just a little boy, that when I grew up and had a wife and home, we would never have company for Sunday dinner. I kept that resolution, too, for I never forgot how hard my mother had to work, and how no one helped her but me.

By that time my paternal grandfather had moved to Kansas City. My father went to Kansas City to see if he could find work there. We had raised many rabbits. One evening I put two pet rabbits in a box and took them into the house. That night a crowd of night-riding hunters came by our house. They cut our fence down and turned their dogs loose on our rabbits. When the slaughter was over, we had only three rabbits left; the ones I had put in a box and taken into the house, and the one which got away and came back the next day.

My father found work in Kansas City so my mother, my sisters and I (and the rabbits) made the adventurous journey to Kansas City on the train. We went to my grandfather's house to stay until my mother and father could find a house for us.

It was September, just before school opened. I was almost seven years old and in the second grade. I wanted some new clothes for school. I wanted a new pair of blue denim overalls and a new blue chambray shirt. My aunts said they would go shopping and buy my school clothes for me. They did go shopping, and they did buy some school clothes for me. Imagine how shocked I was when I saw the little dark knee pants, short jacket and the white shirt with a ruffled collar and fancy tie. The style was called a "Little Lord Fauntleroy" suit. I rebelled. I said I wouldn't wear such clothes. Such clothes were for a "sissy." I, Thomas Galen Hieronymus, was no "sissy." I wanted a new pair of blue denim overalls and a new blue chambray shirt to wear to school. I waged a long and desperate battle. Finally, in behalf of peace, my grandfather intervened. He proposed a compromise. "Just wear these clothes the first day," he said. "I will go to school with you. Then, if the other boys aren't wearing suits like yours, we will go to town, you and I, and buy you some new overalls and new blue shirts!" I had to be satisfied with that. I believed my grandfather's promise. He had always done what he told me he would do. Monday morning, the first day of school, came all too soon. I was scrubbed and my ears washed. After breakfast I was assisted in donning the hated "Little Lord Fauntleroy" suit. My shoes were polished, my hair combed. I couldn't stand to look at myself in the mirror. I looked just like a "sissy." I hated the way I looked. My aunts were very pleased. They said I looked so handsome. My grandfather and I walked to school. "Remember," he told

Of my arrival and early sojourn in this world . . .

me, "if all the other boys aren't dressed like this, we will go right downtown and buy you some new overalls and new blue shirts." That was some comfort. I was just scared stiff. I didn't want to be labeled "sissy" on my first day in a strange school.

It was about $\frac{1}{4}$ mile to the school. I wished it was even further. We finally arrived and behold, a miracle wrought just for me. Then I couldn't imagine why God would do a miracle just for me. All the boys my age were wearing suits just like mine! The boys in their "Little Lord Fauntleroy" suits were playing baseball. The school principal, a friend of my grandfather's, was on the playground and my grandfather introduced me. The principal called one of the boys, who was captain of one team, and told him to put me on his team. So I played ball, dressed just like the other boys whose mothers wanted them to be dressed up for their first day in school. Playing ball didn't help keep our fancy suits clean.

My grandfather was a real good sport. He used to take me around with him on Saturdays and holidays. I can remember going downtown in Kansas City, Missouri, on the streetcar with him when the snow plows had piled the snow up in high mounds on both sides of the street. I remember a big beer wagon pulled with big Percheron type horses. The driver was keeping just ahead of the street car. There were big barrels of draft beer piled up in the wagon. When the driver came to a saloon where he was to deliver a barrel of beer, he stopped the wagon and took it in the saloon. No matter how much the streetcar motorman clanged the bell, he couldn't move until the driver came back through the little opening between the mounds of piled up snow, got back in the driver's seat and yelled to the horses to move on.

When I was about eight years old, I went with my grandfather to visit one of his friends who was a Station Manager for the Missouri Pacific Railroad in a suburb of Kansas City. While they were talking and I was waiting, the telegraph instrument began to chatter. Immediately I had to know what that was. While I was thinking how to ask, to my amazement, my grandfather's friend began playing with a gadget on a desk making the same kind of noise as the incoming noise had been. Seeing my great interest, when he had finished answering the message, he explained what the equipment was and showed me how it worked. He also taught me the Morse Code. To say I was delighted is to put it mildly. I was thrilled beyond measure with my new knowledge. We went home and I proceeded to build a workable telegraph key for my own use, to practice with. About that time I also invented a surveyor's transit which worked very well. Of course, I didn't know it had already been invented. I had considered a problem, figured out a means of solving the problem and built the instrument I had rationalized would be the means of solving the problem. I knew it

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would work, and it did!

My father had become a painting contractor. As I grew a year or so older, I went to his painting job right after school and went to work. All the hard-to-get-at spots and the trim were left for me. I painted right along with my father and his work crew.

On Friday and Saturday nights, my buddies and I used to go camping. I had made a tent for myself with some tow sacks (Crocker bags) opened up flat and sewed together end to end. Then I took all the old paint cans with little amounts of paint in them and painted the bags with the paint. I did this over and over until the sacks were covered with paint. I then threw the sacks over my mother's clothesline and tied the corners to pegs. When we went camping I would take my tent along, borrow my mother's clothesline, stretch it between two saplings, put the sacks over it and tie the corners to pegs I pounded into the ground. We cooked out and slept in our tents.

It was about that time I was doing some thinking about religion. I went to church because my mother and my aunts went and wanted me to go with them. I was somewhat skeptical about a lot of things the preacher said when he was preaching, so one Sunday I stayed back and asked him some questions. He said, "You aren't old enough to understand," and, "You'll have to take it on faith." I figured maybe he didn't know so much about it himself since he couldn't give me an answer, so I gave up on going to church.

Since I had built a telegraph key and learned the Morse Code, I needed some power for my wireless telegraph. Telephones in those days worked with the power of big, dry batteries which had to be replaced every so often. I watched for the discarded ones and took them home. Then I rejuvenated them. I punched holes in zinc casings, set each one in a big jar full of a solution of Sal Ammoniac and water. Most of the batteries were dried out; putting them into the Sal Ammoniac solution revived their chemical properties. They worked just right for my purpose.

As I grew older school became more interesting. Manual Training Class was my favorite. Once I was building book shelves in the principal's office when I noticed some interesting looking books. I forgot about the shelves, sat down on the floor and started reading. In the middle of an exciting account of exciting events, I looked up and the principal was standing there looking at me. I got up and started to make some excuses, but he stopped me. When I got the shelves up and started to go, he loaned me the book and told me when to bring it back. I read it. When I went to his office to return it, he asked me for an account of what I had read. I just couldn't remember what I had read, so he loaned me the book again and told me he would expect an account of it when I returned it. I gave him an account of the story when

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I took it back to him. He loaned me another; I read it and reported on it. He loaned me other books and I gave him a report on each one. I learned something then that helped me later. I learned to eliminate the extra words and window dressing when I read books and concentrate on the important part, which was the action. Thanks to the lessons I learned by reading the principal's books and making reports to him on what I had read, I could make adequate, meaningful book reports in High School English Class and not have to spend hours and hours reading the books.

I remember very well Christmas at the age of twelve. I got a long desired Christmas present—a shiny, new Stevens 22 single shot long rifle. My cousin also got one. We went hunting together the afternoon of Christmas Day. The snow had fallen heavily the day before and all that night, on top of snow from a few days before, and had blown into drifts higher than our shoulders.

There was a Skeet Shooting Range not far away. On Sundays they used real live pigeons for targets. Many of the pigeons escaped and lived in the woods where my cousin and I went hunting. We shot many of them, and shot wild rabbits, too. We used to leave the feathers or fur on the game we shot and after cleaning the game, cover them with clay, feathers or fur and all, and roast them in the coals. I learned to be an accurate shot. We lived off the land on our camping trips.

One day my Manual Training teacher, Charley Barrett, told me, "Come over to my house Thursday evening. We are going to organize a Boy Scout Troup." I said, "Sure. What's a Boy Scout?" He said, "Just come Thursday night and you will find out." I had been going camping with several other boys. I called them together and we went over to Mr. Barrett's house. My camping friends and I formed "The Cobra Patrol" of the Boy Scout Troop. That was on Thursday night. Friday night, after we got our homework done, we went camping as a Scout Patrol, staying out over Saturday night and going home Sunday. Becoming Boy Scouts just enlarged our camping activities. This was the first Scout Patrol in Kansas City, Missouri. Later we went to summer camp. At the summer camp the price was \$.50 a day. If a boy had \$2.00, he could stay for four days. This proved a great incentive to work and save up money for the Scout Camp. I was the first boy of our Troop to become a Second Class Scout. Becoming a Boy Scout started me in an activity I pursued for 60 years.

My activities with the telegraph became more intense as I grew older. Some of my friends became interested and soon could operate the telegraph, too. We used to hook an instrument to a barbed wire fence and send messages along the wire to another friend who was a mile down the length of ranch fence with his receiving set. I built my first "wireless" set in 1911.

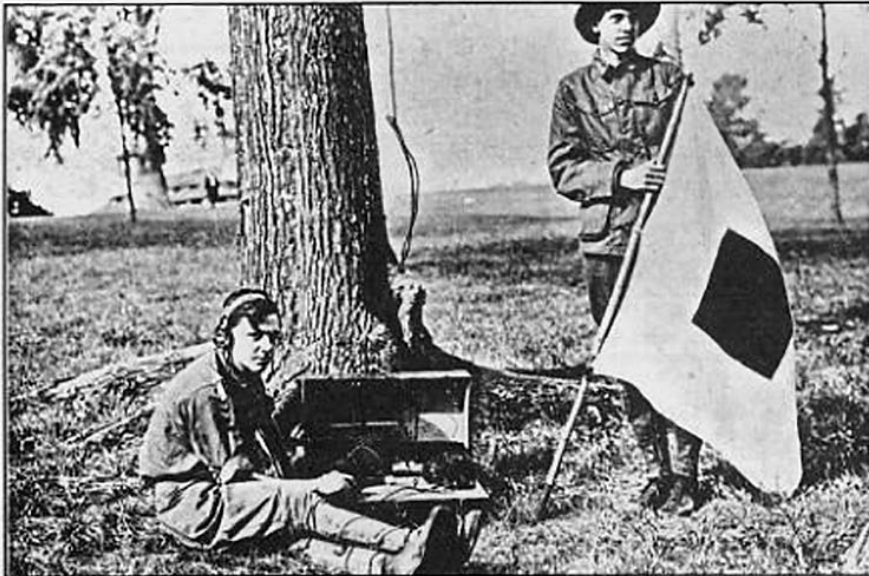
Most people didn't realize what "wireless" was and didn't believe it when we

The Story of Eloptic Energy

tried to tell them about it. One man, a friend of my father's was openly skeptical, teasing me about wasting my time with that "gadget that didn't work." One of my friends and I decided to convince him. So the next time he came to visit us, I asked him to write a short message on a sheet of paper. Then I went to my "wireless" and telegraphed the man's message to my friend. My friend then rang our phone and asked to speak to our visitor. When the man answered, he told the man what he had written on the paper. While the man was surprised and wondered how my friend had found out what he had written on the paper, he still didn't believe I had been in communication with my friend and told him the message. I hadn't left the room, so how could I have told my friend anything when he was a mile away?

In 1911, when I was sixteen years old, I had a wireless station in operation, and in 1913 when a license to operate a wireless station became mandatory, I proved I had a station in operation in 1912, so they gave me what has become known as a "grandfathers' license" or a license to operate a wireless station without having to prove (by examination) that I was a competent operator.

Of my arrival and early sojourn in this world



By tree, Thomas Galen Hieronymus, age 17, with his wireless set. Galen was the only scout in the United States who built and demonstrated a wireless set to a district scout meeting.

KANSAS CITY COUNCIL
BOY SCOUTS OF AMERICA

This is to Certify that

T. G. HIERONYMUS

IS CONSTITUTED A MERIT BADGE COUNSELOR


FOR THE PERIOD ENDING Dec. 31, 1934

SCOUT EXECUTIVE

CHAIRMAN, COURT OF HONOR

BOY SCOUTS OF AMERICA
HEADQUARTERS, 200 FIFTH AVE., NEW YORK
THE NATIONAL COURT OF HONOR OF THE
BOY SCOUTS OF AMERICA

THIS ELEVENTH DAY OF MAY, 1925
HEREBY AWARDS THIS CERTIFICATE TO T. G. PIERONYKUS
OF THE PATROL TROOP NO. D. COM.
OF KANSAS CITY STATE OF MISSOURI
WHO HAS SATISFACTORILY MET ALL OF ITS REQUIREMENTS. IS DESIGNATED
EAGLE SCOUT
ON BEHALF OF THE NATIONAL COURT OF HONOR
DANIEL CARTER HEARD, National Scout Commissioner
JAMES E. WEST, Chief Scout Executive

 James E. West SECRETARY

Of my arrival and early sojourn in this world . . .



FORT LAUDERDALE POWER SQUADRON

A Unit of UNITED STATES POWER SQUADRONS

P/C T. GALEN HIERONYMUS, N
1328 ORANGE ISLE
FORT LAUDERDALE, FLORIDA

March 1, 1962.

Honorable M. Roe Bartle,
Mayor, Kansas City, Mo.

Dear Roe:

When you were here a year ago and I told you I planned to send for my 50 year Veteran's Status, you suggested that I send the application to you and that you would see it through.

This was done but I have never heard from the application nor has my check been cashed, so I conclude that it has been lost somewhere along the line.

Enclosed is another copy of the application and my copy of the letter I wrote with it. Also, I am enclosing another check for \$10.00 to cover any expense involved. If this is not enough, have the Scout office notify me.

In looking over my file which was misplaced for several years, I find a lot of data. Included is my certificate dated Jan. 8th, 1924 showing that I completed the "Course in Scouting" and signed by O. U. Hoyer, training chairman. Another certificate dated Dec. 15, 1930 shows that I completed the "Specialization Course in Commissionership" signed by one M. Roe Bartle as Scout Executive and by W. Everly as President of the local council.

I also have the charter issued to the #1 (RADIO) Troop of Kansas City, Mo. Council and with T.G. Hieronymus as Explorer Leader, signed by only national officers but dated Dec. 31, 1938 and sponsored by all of the Radio stations in Kansas City.

Enclosed is something that will bring back memories to you. It is the survey of the land deeded to the City of Ocala for reasons you will remember.

Tell Margret I enjoyed talking to her and am very sorry we didn't have an opportunity to see her. All our best to you.

encl

As ever,

*data from letter from M. Rhodes dated Mar. 8, 1939
Transferred to Troop 4
Nov. 10, 1940 - Troop 5
Nov. 15, 1941
Aug. 15, 1941
Sept. 15, 1941
2nd Class
1st*

The Story of Eloptic Energy

February 7, 1961

Honorable H. Roe Bartle
Mayor, Kansas City, Mo.

Dear Roe:

When you were here, I told you I planned to apply for my fifty year Scout Veteran's Status and you suggested that I send the application to you.

My file on Scouting activities seems to have been mislaid so I cannot fill in the exact date I became a Scout but it was at the beginning of the fall school term. I saw Charley Barrett during the summer vacation and he told me about the Scout movement and suggested that I get some of my friends together for the first meeting. I did that and organized the Cobra patrol as patrol leader.

Some of my pals and I had been camping out during the summer. We took a week end out just after the first meeting of the new troop and I have always thought it was the first overnight hike of a Kansas City Scout group, my Cobra Patrol. I had learned to telegraph at the old Mo. Pacific station at 15th St. and the Mo. Pac. tracks in Centropolis, I built two telegraph sets and the patrol used to send messages over barbed wire fences in the country while on hikes.

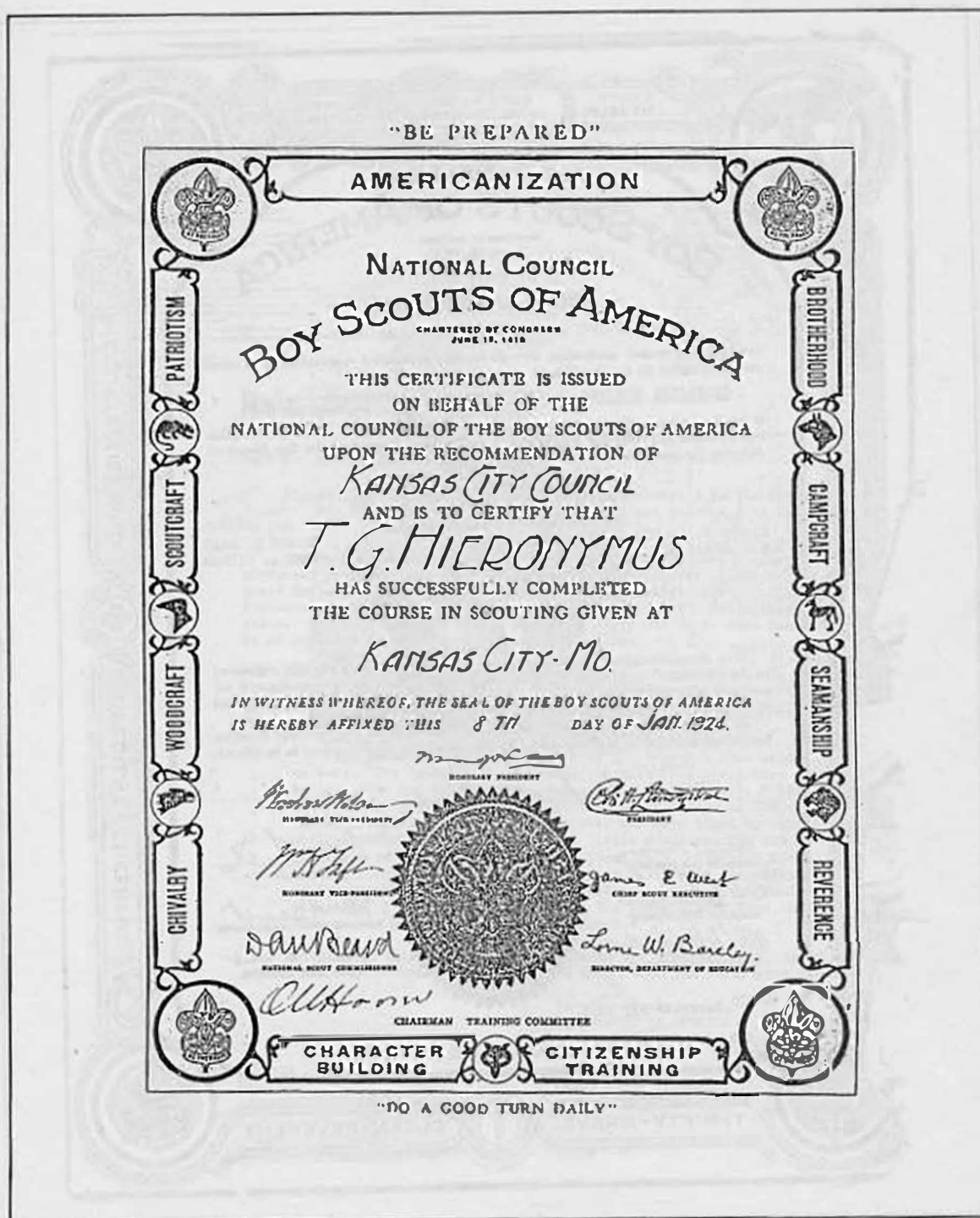
Enclosed is my check for \$10.00 made out to Scout Hq. to cover cost of a pin and tie clasp and any registration that may be necessary. If they need more, let me know.

It was a real treat to have you here even for so short a time. Next time you can make a trip here, let me know ahead of time and plan to spend some time with us. I can guarantee you some rest from the angry mob. Louise is a good cook.

All our best to you,

encl

Of my arrival and early sojourn in this world . . .



DUTY TO SELF
DUTY TO GOD AND COUNTRY
DUTY TO OTHERS

"BE PREPARED"

BOY SCOUTS OF AMERICA

CHARTERED BY CONGRESS
JUNE 15, 1916

This is to Certify that

THE KANSAS CITY RADIO STATIONS-KCNO-KMBC-WDAF-WHB

having made proper application through its duly authorized representative to carry out the program of the Boy Scouts of America for

CHARACTER BUILDING : AMERICANIZATION : CITIZENSHIP TRAINING

is hereby granted this annual charter subject to the provisions of the Constitution and By-Laws and rules and regulations of the National Council of the Boy Scouts of America for one year.

Explorer Troop
#17 (RADIO) KANSAS CITY, MO.

MILTON F. ALLISON, CHM.N.
M.H. STRAIGHT

ROBERT R. GREY
WEBB L. WITMER

EXPLORED LEADER
G. HIERONYMUS
ASSISTANT EXPLORER LEADER

The above-mentioned officials, having been duly certified, are officially registered by the National Council to meet the responsibilities of their respective offices in accordance with the provisions of the Constitution and By-Laws of the Boy Scouts of America.


In TESTIMONY WHEREOF the National Council of the Boy Scouts of America has caused this charter to be signed by its officers and its corporate seal to be affixed.

[Signature]
HONORARY PRESIDENT

[Signature]
HONORARY VICE-PRESIDENT

[Signature]
HONORARY VICE-PRESIDENT

[Signature]
HONORARY VICE-PRESIDENT



[Signature]
NATIONAL SCOUT COMMISSIONER

[Signature]
CHIEF SCOUT EXECUTIVE

DATED December 31, 1958
309

"DO A GOOD TURN DAILY"

THRIFTY · BRAVE
CLEAN · REVERENT

HELPFUL · FRIENDLY
VAL
TRUSTWORTHY

COURTEOUS · KIND
OBEDIENT · CHEERFUL

Of my arrival and early sojourn in this world . . .



BOY SCOUTS OF AMERICA



HONORARY OFFICERS

HARRY S. TRUMAN, HONORARY PRESIDENT
HERBERT HOOVER, HONORARY VICE PRESIDENT
JAMES E. WEST, CHIEF SCOUT
GEORGE J. FISHER, NATIONAL SCOUT COMMISSIONER
THOMAS J. WATSON, INTERNATIONAL COMMISSIONER

NATIONAL OFFICERS

WALTER W. HEAD, PRESIDENT, ST. LOUIS, MO.
JOHN SHERMAN HOYT, VICE PRESIDENT, DENVER, CO.
FRANK S. HODDER, VICE PRESIDENT, NO. CANTON, O.
RICHARD H. PARSONS, VICE PRESIDENT, SEATTLE, WASH.
ANDREW Houghton, VICE PRESIDENT, CINCINNATI, OH.
LEWIS SAWTRY, TREASURER
ELBERT K. FRETWELL, CHIEF SCOUT EXECUTIVE
PUNY H. POWERS, DEPUTY CHIEF SCOUT EXECUTIVE

ADVISORY COUNCIL

MARSHALL FIELD
STUART W. FRENCH
JOHN M. PHILLIPS
PHILIP L. REED
RAY LYMAN WILSON
MELL B. WILKINSON

INCORPORATED
FEBRUARY 8, 1910

CHARTERED BY CONGRESS
JUNE 15, 1916

2 PARK AVENUE
NEW YORK 16, N. Y.

TELEPHONE LEXINGTON 3-3200

April 3, 1946

MEMBERS OF THE EXECUTIVE BOARD

HARRY S. TRUMAN, PRESIDENT
HERBERT HOOVER, VICE PRESIDENT
JAMES E. WEST, CHIEF SCOUT
GEORGE J. FISHER, NATIONAL SCOUT COMMISSIONER
THOMAS J. WATSON, INTERNATIONAL COMMISSIONER
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JOHN M. PHILLIPS
PHILIP L. REED
RAY LYMAN WILSON
MELL B. WILKINSON

Mr. T. G. Heironymus
1330 Baltimore Avenue
Kansas City 6, Missouri

Dear Mr. Heironymus:

Please find enclosed your Certificate of Membership in the National Council, Boy Scouts of America. It is an honor and privilege to send this to you.

During the war period, the Boy Scouts carried out more than sixty different projects in service to our National Government. In spite of our great losses of volunteers - Scoutmasters and Commissioners - and of our Professional Personnel, Scouting had a tremendous growth during the war years. Scouting seems to thrive as Scouts carry out their Good Turn idea to BE PREPARED to help other people at all times.

There is, and has been, great emphasis on our Theme of the year, "Scouts of the World - Building Together." In that connection I hope you will enjoy this letter that came to us from Guam. The writer is a former Eagle Scout from Philadelphia and is now a Lieutenant in the U. S. Navy.

"Sunday we held the first Scouting get-together ever held on Guam. The Jamboree was so revealing that I received more satisfaction and delight from it than from anything else I have ever done. At 1000 on the dot, sixteen Scout Troops in the most varied array of Scout Uniforms you ever saw were lined up behind their leaders at Anigua village. A little Scout marched out in front and in pidgin English led the Scout Oath. The real Scout Meeting started at 1315 and was the most satisfying demonstration of Scouting one can hope to see. Scouting is on a firm foundation here, I think, for the boys and the leaders have seen the fun you can have from being a good Scout."

Scouting in this post-war period demands our clearest thinking in constructive, cooperative action. May I add that I hope you enjoy your Scouting.

Very sincerely yours,
BOY SCOUTS OF AMERICA

Elbert K. Fretwell
Chief Scout Executive

EKF:mtc
Enc.

"BE PREPARED"

ALL COMMUNICATIONS SHOULD BE ADDRESSED TO THE BOY SCOUTS OF AMERICA,
2 PARK AVENUE, NEW YORK 16, N. Y.

"DO A GOOD TURN DAILY"

The Story of Eloptic Energy

Kansas City's Greatest Show

THE SILVER ANNIVERSARY BOY SCOUT ROUND-UP

May 3rd - 4th, 1935 American Royal Bldg.

IMPORTANT FINAL INSTRUCTIONS

DRESS REHEARSAL WEDNESDAY NIGHT MAY 1st 7:00 P.M. FOR THESE EVENTS

COME: All Scouts who are to participate in the following events:

The First Handbook - Signaling - Sea Scouting - Merit Badge
Tableaux - Opening Tableaux - Colored Scouts - War Service Event
Rotary Cooperation Event - First Jamboree - Drills - Wall
Scaling - Patriotic Pilgrimages - Leadership Training

COME: All adult leaders of Troops having boys present. This is most important.

STAY AWAY: All Scouts not participating in any event.

DRESS REHEARSAL THURSDAY NIGHT, MAY 2nd, 7:00 FOR THESE EVENTS ONLY!

Disaster Relief - Aviation - Cubbing - World Adventurers
Chariots - Camping - Pioneering - Indians.
(Same instructions as above)

ENTRANCE: Scouts and Scout Leaders will enter the American Royal Building on Wednesday, Thursday, Friday and Saturday nights at the Wyoming Street Entrance on the incline north of Twenty-third Street.

SUPPLIES &

EQUIPMENT: Troops should arrange for transportation of equipment to the hall. Use your Troop Committee in this connection. The American Royal Building will be open all day Wednesday and Thursday to receive equipment. If you can't possibly provide transportation for your equipment, call Mr. Modlin before Wednesday.

TELEPHONE: The telephone number of the American Royal is Main 6800.

Scout Officials should reserve their seats early, as ticket sales have been excellent and reserved seats will be in demand.

TALK THE ROUND UP! - - Make sure the entire personnel of your Troop is present both Friday and Saturday nights.

LET EVERY SCOUTER PUT HIS SHOULDER TO THE WHEEL

THE SILVER ANNIVERSARY ROUND UP MUST BE THE BEST !!

Of my arrival and early sojourn in this world . . .

THE GRAND ENTRY

ROUND UP

May 3rd - 4th, 1935

AMERICAN ROYAL

A. DIRECTORS:

Director: T. G. Hieronymus

B. GENERAL INSTRUCTIONS: (Read Carefully)

1. Boys and leaders will report at Wyoming Street Entrance to American Royal Bldg. Troops will form by Divisions in the Annex under cover.
2. Troops should be in place not later than 7:30 P. M.
3. Permit no boys to bring guns, - blank or otherwise, - or other explosives.
4. Send uniformed Scout with American Flag into Arena at Northeast Door.
5. Keep your Troop Flag and number sign with you.
6. Members of the Tableaux and Clowns will report at once to dressing rooms.
7. Each Troop should bring a large gunny sack or blanket into which all coats, caps and other belongings can be placed. When filled, send to the check room near the Wyoming Street Entrance. No checking will be done for individuals. **BE PREPARED!**
8. Boys not in uniform will march with their own Troops but should be placed in inner ranks to improve Troop appearance.
9. Troops well equipped with hats should wear them. If only a few boys have hats, entire Troop should be bare-headed.
10. When passing Reviewing Stand at West side of Arena, give command, "Eyes Left" or "Right". Hold this for six paces before and after passing stand. Do not salute. Boys do not salute!
11. When passing in front of Flags in center of hall, give command, "Right Hand Salute". Do this only when passing directly in front of flags for first time.
12. Each Troop should prepare a numbered sign similar to those shown to be carried opposite Troop Flag. Patrol Flags should be stretched on wire and carried at proper intervals:



After the Grand Entry.

13. Keep Troop under control at all times and stay with your Troop.
14. Keep boys back of Arena posts and seated if possible.
15. Cooperate with men assigned to keeping boys in place.
16. Follow the program call sheet closely and see that your entries get to point of formation in plenty of time.
17. Remind your boys that the audience judges Scouting by their behavior on the floor.
18. All events form in Annex and enter from North Main door. Events exit at South East and West exits.

Assembly Instructions

Division 1. Division Commissioner, James G. Hazell and staff in charge.

Form: In numerical order in Annex in sections I and J.

Time: 7:15 P. M.

Troops: 4-6-9-12-19-24-41-47-56-57-58-65-70-104-106-107-109-111-112-113
114-122-127-152-301

The Story of Eloquent Energy

- Division II. Division Commissioner, John R. Long and staff in charge
 Form: In numerical order in Annex in Sections B and C
 Time: 7:15 P. M.
 Troops: 5-14-17-18-21-22-SS 22-33-34-36-38-39-45-59-64-67-75-80-87-85
 101-125-126-131-132-133-134-135-136-155-160-176
- Division III. Division Commissioner, Glen O. Brown and staff in charge.
 Form: In numerical order in Annex in Sections D - E - F.
 Time: 7:15 P. M.
 Troops: 1-7-6-10-13-16-25-30-31-29-32-35-44-49-50-54-55-60-61-66-68-76
 78-81-82-84-86-88-100-SS 100-102-119-123-138-140-144-149-150-
 162-164-166-88-142
- Division IV. Division Commissioner, W. D. Whinery and staff in charge
 Form: In numerical order in Annex in Sections K and L.
 Time: 7:15 P. M.
 Troops: 2-3-11-15-20-26-27-28-37-40-43-46-48-51-53-63-71-72-73-74-79-69
 89-105-108-110-115-116-117-118-121-128-129-130-137-145-147-148
- Division V. Area President, John W. Diamond, District Chairmen and District Commissioners in charge.
 Form: In numerical order in Annex in Sections G and H
 Time: 7:15 P. M.
 Troops: 139-201-202-204-222-223-224-225-226-227-228-229-230-231-203-206
 235-200-211-213-214-216-217-218-219-220-221-236-237-238-239-240
 241-244-300-302-304-306-308-309-310-311-312-315-316-318-319-324
 333-407-408-409-410-411-414-415-416-417-412-317
- Division VI. Field Executive Raymond Marshall and Commissioner J. A. Jeffress in charge.
 Form: In numerical order in Annex in Section A.
 Time: 7:15 P. M.
 Troops: 90-91-92-93-94-95-96-97-98-99-191-192-193-290-291-390-413
- Cubs: Commissioner Claude Vance in charge
 Form: In numerical order in Annex in center of Sections F and L. (see map)
 Time: 7:15 P. M.

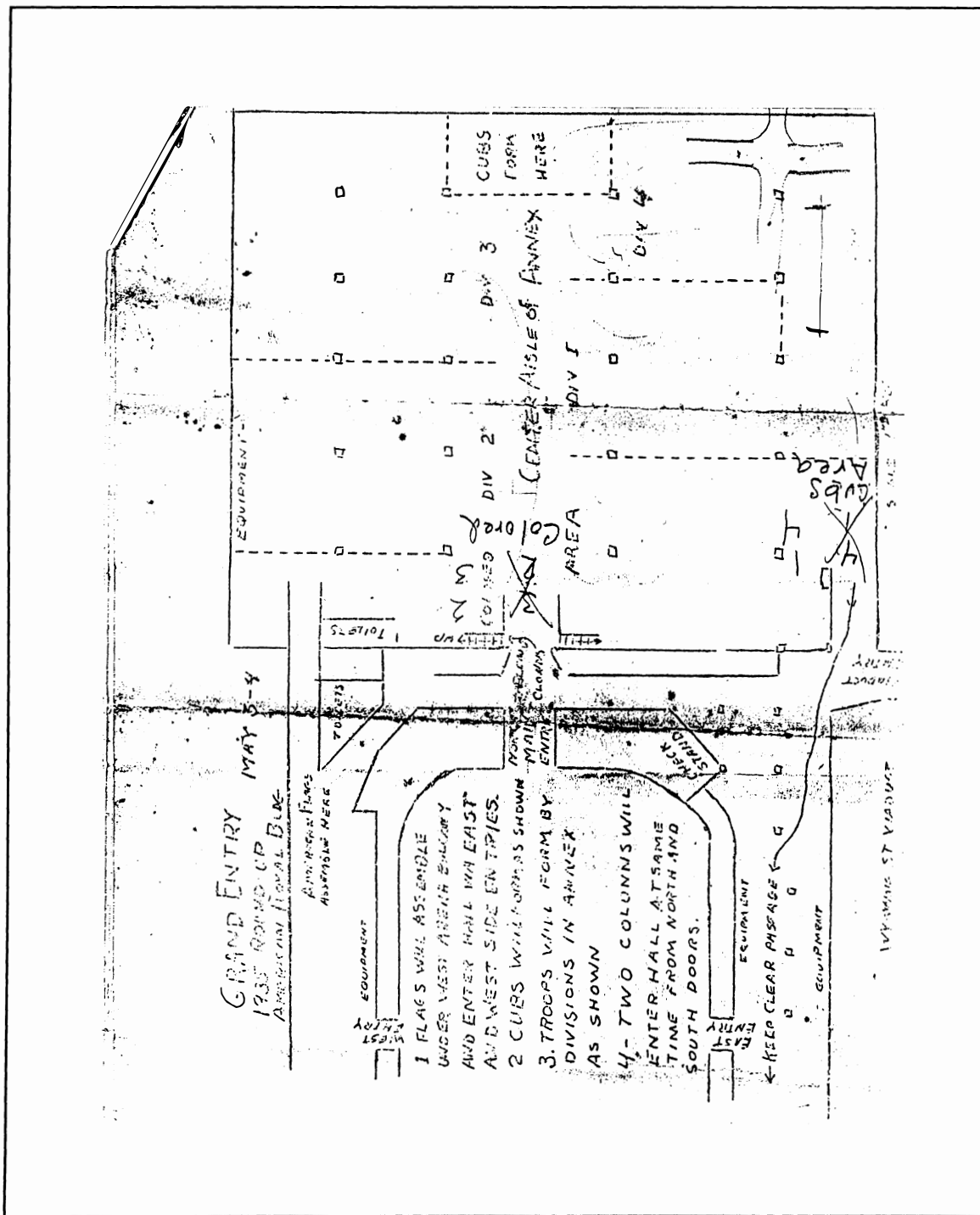
THE GRAND ENTRY

1. At 7:30 P.M. the leading Division will be led to the South Entrance to the Arena. Other Divisions will be marched into position.
2. The Troops should be formed as follows:

	X		Scoutmaster
	X X		Assistant Scoutmaster
	XXXXX		Troop Committeemen
TROOP FLAG	4321		
	S	XXXX (X)	Senior Patrol Leader
	C	XXXX	No. 1 Scout must stay on white
	O	XXXX	line throughout the march.
PATROL FLAGS	U	XXXX	TROOP SIGN
	T	XXXX	
	S	XXXX (X)	Junior Asst. S. M.

3. March at the half step. DO NOT SALUTE AT REVIEWING STAND.
4. There should not be more than 10 foot intervals between Troops. Nor more than 20 feet between Divisions.
5. As the Grand Entry is completed, Troops will be marched into position in the space reserved for Scouts. Boys taking part in the first three events must leave floor at side exits and hurry to their assembly points.
6. Scoutmasters and Committeemen will please stay with their Troops.

Of my arrival and early sojourn in this world . . .



The Story of Eloquent Energy

DIRECTORS OF SILVER JUBILEE ROUND UP 1935					
TIME	SCHEDULE	SPONSOR	TIME	DIRECTOR	Bus---PHONES---Re-
7:50-7:59	Drum and Bugle Corps	9	R. T. Scott	HA 9900	
7:59-8:00	Distinguished Guests	1	President Harry C. Walton		
8:00-8:02	Opening Tableaux	2	Charles A. Barrett	CH 4845	
8:02-8:32	Grand Entry	30	T. G. Hieronymus	GR 0060	JA 5214
8:32-8:35	First Handbook	3	Charles Watson	VI 3870	
8:35-8:37	Signaling	2	Art Dods	WE 8700	WE 4499
8:37-8:39	Sea Scouting	2	R. J. Woods	JA 3017	
8:39-8:42	Merit Badge Program	3	Henry Steubenrach	LI 0536	
8:42-8:45	Colored Scouting	3	J. A. Jeffress	GR 0885	
8:45-8:47	War Service	2	Charles E. Teal	HA 5307	HI 6395
8:47-8:49	Rotary Co-operation	2	Will F. Dawson	VI 5353	VA 7467
8:49-8:52	First Jamboree	3	Charles A. Barrett	CH 4845	
8:52-8:55	Health and Drills	3	K. S. McEntire	WE 6777	
8:55-8:59	Wall Scaling	4	M. B. Hansell	BE 3100	CH 3524
8:59-9:01	Patriotic Pilgrimages	2	K. M. Howery	MA 7500	
9:01-9:03	Leadership Training	2	T. G. Hieronymus	GR 0060	JA 5214
9:03-9:06	Disaster Relief	3	Ned Edwards	GR 5460	HI 2971
9:06-9:10	Area Event	4	J. W. Diamond	GR 0050	IND 4855
9:10-9:25	Friday: Troop Awards	15	Joyce Hall		
9:16-9:25	Saturday: Eagle Class	15	George H. Charno	GR 2456	HI 6612
9:25-9:32	Aviation	7	E. L. Hughes	HA 7195	HI 6263
9:32-9:34	World Adventurers	2	Carl Quimby	HA 8700	WA 2635
9:34-9:37	Cubbing	3	Claude Vance	MA 3606	HI 4585
9:37-9:40	Charlotes	3	Charles R. Kew	MA 7220 (Sta.32)	WE 7683
9:40-9:45	Camping	5	H. R. Heal	LO 1284	WA 0013
9:45-9:55	Pioneering	12	E. Wilkes, Jr.	VI 3931	WA 3214
9:55-9:58	Indians	3	C. J. Razen	GR 8923	
9:58-10:00	Closing	2	H. Roe Bartle		
	Clowns	3	Parker Shirling	VA 5786	

Of my arrival and early sojourn in this world . . .

KANSAS CITY COUNCIL
Boy Scouts of America
THE BOY SCOUTS BUILDING
LAND BANK BUILDING • KANSAS CITY, MISSOURI

October 5, 1935

Mr. T. G. Hieronymous, Supt.
Underground System
Kansas City Power & Light Co.
1330 Baltimore Avenue
Kansas City, Missouri

My dear Hi:

Thank you very kindly for your fine letter of October 2. I am delighted that you are going to be associated with us in the working out of these WPA projects. We are hoping for great things. Say your prayers regularly and the Lord may take care of us.

With the best of good wishes, I am

Faithfully yours,

H. Roe Bartle
Scout Executive

HRB:MAH

KANSAS CITY COUNCIL
Boy Scouts of America
THE BOY SCOUTS BUILDING
3215 PARK AVENUE • KANSAS CITY, MISSOURI

June 19, 1933

Mr. T. G. Hieronymus
K. C. Pr. & Lt. Co.
Kansas City, Mo.

Dear Hi:

The Camporee Coordinating Committee wishes to express its thanks and appreciation to you for the unusual amount of time and efforts you expended in helping put over this Camp. We believe that without your help the Camp would not have been the success that it was. We hope you enjoyed your work as much as we did ours.

Yours for Scouting,
Camporee Coordinating Committee
By John R. Long
Secretary

Of my arrival and early sojourn in this world . . .

KANSAS CITY COUNCIL
Boy Scouts of America
THE BOY SCOUTS BUILDING
LAND BANK BUILDING • KANSAS CITY, MISSOURI

November 12, 1934

Mr. T. G. Hieronymus
Kansas City Power & Light Co.
Kansas City, Missouri

My dear Hi:

I am happy to enclose herewith your commission which has been duly and properly issued by the National Council.

May the Lord permit you to serve for many more years in the great game of Scouting. We need you as badly as you wanted this commission.

With best of good wishes, I am,

Faithfully yours,

H. Roe Bartle
Scout Executive

HRB:JL

The Story of Eloptic Energy



BOY SCOUTS OF AMERICA



NATIONAL OFFICERS

HERBERT HOOVER, HONORARY PRESIDENT
 CALVIN COOLIDGE, HONORARY VICE PRESIDENT
 COLIN M. LIVINGSTONE, HONORARY VICE PRESIDENT
 DANIEL CARTER BEARD, HONORARY VICE PRESIDENT
 WILLIAM O. MCADOO, HONORARY VICE PRESIDENT
 WALTER W. HEAD, PRESIDENT, CHICAGO, ILL.
 MORTIMER L. SCHIFF, VICE PRESIDENT, OSTEEN BAY, N. Y.
 MILTON A. MCRAE, VICE PRESIDENT, DETROIT, MICHIGAN
 CHARLES C. MOORE, VICE PRESIDENT, SAN FRANCISCO, CAL.
 BOLTON SMITH, VICE PRESIDENT, MEMPHIS, TENN.
 JOHN SKERMAN MOY, VICE PRESIDENT, NEW YORK
 DANIEL CARTER BEARD, NATIONAL SCOUT COMMISSIONER
 MORTIMER L. SCHIFF, INTER-NATIONAL COMMISSIONER
 GEORGE D. PRATT, TREASURER
 JAMES L. WEST, CHIEF SCOUT EXECUTIVE
 GEORGE A. FISHER, DEPUTY CHIEF SCOUT EXECUTIVE

ORIGINALLY INCORPORATED
 FEBRUARY 8, 1910

GRANTED FEDERAL CHARTER
 BY CONGRESS, JUNE 15, 1916

MEMBERS OF THE EXECUTIVE BOARD

CYRUS ADLER
 BRUCE BARTON
 DANIEL CARTER BEARD
 ROBERT W. CASSETT
 BARROW COLLIER
 CHARLES E. COVING
 W. H. COWLES
 ALFRED W. DATER
 MARSHALL FIELD
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 JOHN P. WALLACE
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 FRANK W. WILKINSON

NATIONAL COUNCIL OFFICES
 PARK AVENUE BUILDING
 2 PARK AVENUE
 THIRTY-SECOND TO THIRTY-THIRD STREETS
 NEW YORK CITY

TELEPHONE LEMINGTON 2-3200
 (LARGE LETTERS "THIRTY-THIRD STREETS")

June 9, 1951

Mr. T. G. Hieronymus
 Kansas City Power & Lighting Co.
 Kansas City, Mo.

Dear Mr. Hieronymus:

We are planning to publish in SCOUTING a brief outline of the records of some of our Twenty-Year Veteran Scouters. According to our records as indicated on your Veteran application, your service has been as follows:

As Scout
 Sept. 1910 to 1911 - Troop 5, Kansas City, Mo.
 Apr. 1911 to 1915 - Troop 4, " " " " " "
 As Official
 1915 to 1920 - Assistant Scoutmaster of Kansas City, Mo.
 1920 to 1927 - Deputy & District Commissioner " " "
 1919 to 1925 - Merit Badge Examiner, Wireless " " "
 1923 to 1931 - " " " " Electricity " "

If there is any change in this record, or if you are serving in any other capacity at present than the last one indicated above, kindly advise us. We are anxious to have this brief outline correct. Can you give us any other information about your experience as a Scouter, such as an expression of your opinion as to the character values of the Boy Scout training based on your own observation over these many years? Such evidence will be an inspiration to us and to the field.

Sincerely yours,
 PROGRAM DIVISION
 E. S. Martin
 National Director of Publications.

ESM:CS

"BC PREPARED"

ALL COMMUNICATIONS SHOULD BE ADDRESSED TO THE BOY SCOUTS OF AMERICA,
 2 PARK AVENUE, NEW YORK CITY.

"OO A GOOD TURN DAILY"

Of my arrival and early sojourn in this world . . .

Form 598-10M-10-29-D. L.

FIVE, TEN or FIFTEEN YEAR VETERAN SCOUT APPLICATION BLANK

BOY SCOUTS OF AMERICA
(Incorporated February 8, 1910. Chartered by Congress June 15, 1916.)

National Council, 2 Park Avenue, New York

Notice - Read pages 3 & 4 Before Using This Blank

NATIONAL COUNCIL,
Boy Scouts of America, New York City.

Gentlemen:

After having carefully considered the requirements for membership in the Veteran Scout Association of the Boy Scouts of America as prescribed by the National Council, I hereby apply for enrollment as a ☒ year Veteran Scout.

I ☒ successfully passed the prescribed tests as a First-Class Scout on 1911 (date)
I ☒ was commissioned as See attached sheet on _____ (date)

and I have had 15 ¹⁵/₁₅ complete registered years of service in the Boy Scouts of America as set forth in detail on the Scout history herewith.

I agree to do my best to live up to the obligations of the Scout Oath and Law, to keep the local Scout authorities of the community in which I may live informed as to my address in order that I may be available for service to the community in case of any emergency; and as circumstances and conditions permit I agree to tender my service either as Scout Instructor, Assistant Scoutmaster, Scoutmaster, member of Troop Committee, member of Local Council, or as a contributor to the Scout Movement.

SIGNATURE _____

Present Status or Rank 1st Lt. Daniel J. Smith
Address 417 E. 70th Street
City Kansas City State Mo.

Date 11-15-30

RECOMMENDATION OF SCOUTMASTER.

(To be used only in case the applicant is at present an active member of a Troop.)

Favorable action is recommended upon the foregoing application. Applicant is a member in good standing of my Troop, having enrolled on _____ Year _____

I certify upon my honor that the statement made in the information sheet herewith as to Scout service is true from my personal knowledge, from _____ to _____ and to the best of my knowledge and belief from _____ to _____

SIGNATURE _____

Troop Number _____
Address _____
City _____
State _____

Date _____

RECOMMENDATION OF LOCAL COUNCIL.

(To be used in all cases where applicant comes from a community in which there is a Local Council.)

The above named applicant has personally appeared before representatives of the Local Council and has demonstrated to our satisfaction that he has been a member in good standing of the Boy Scouts of America

for a period of ☒ five ☐ ten ☐ fifteen years either as an Active or Associate Scout, or as a Scout Official, in accordance with the

statements made by the applicant on the information sheet herewith.

Favorable action is recommended.

Date _____

SIGNATURE _____

Signature of Scout Executive

Council _____
Address, City and State _____

Of my arrival and early sojourn in this world . . .

Form 59B-10M-10-29-D. L.

FIVE, TEN or FIFTEEN YEAR VETERAN SCOUT APPLICATION BLANK

BOY SCOUTS OF AMERICA
(Incorporated February 8, 1910. Chartered by Congress June 15, 1916.)

National Council, 2 Park Avenue, New York

Notice--Read pages 3 & 4 Before Using This Blank

NATIONAL COUNCIL,
Boy Scouts of America, New York City.

Gentlemen:

After having carefully considered the requirements for membership in the Veteran Scout Association of the

Boy Scouts of America as prescribed by the National Council, I hereby apply for enrollment as a 20 year Veteran Scout.

I { successfully passed the prescribed tests as a First-Class Scout on 1911 (date)
{ was commissioned as See attached sheet on _____ (date)

and I have had 17 complete registered years of service in the Boy Scouts of America as set forth in detail on the Scout history herewith.

I agree to do my best to live up to the obligations of the Scout Oath and Law, to keep the local Scout authorities of the community in which I may live informed as to my address in order that I may be available for service to the community in case of any emergency; and as circumstances and conditions permit I agree to tender my service either as Scout Instructor, Assistant Scoutmaster, Scoutmaster, member of Troop Committee, member of Local Council, or as a contributor to the Boy Scout Movement.

SIGNATURE _____

Present Status or Rank Scoutmaster and Scoutmaster

Address 412 E. 70th Street

City Kansas City State Mo.

Date 11-15-30

RECOMMENDATION OF SCOUTMASTER.

(To be used only in case the applicant is at present an active member of a Troop.)

Favorable action is recommended upon the foregoing application. Applicant is a member in good standing of my Troop, having enrolled on _____ Year _____

I certify upon my honor that the statement made in the information sheet herewith as to Scout service is true from my personal knowledge, from _____ to _____ and to the best of my knowledge and belief from _____ to _____

SIGNATURE _____

Troop Number _____

Address _____

City _____

State _____

Date _____

RECOMMENDATION OF LOCAL COUNCIL.

(To be used in all cases where applicant comes from a community in which there is a Local Council.)

The above named applicant has personally appeared before representatives of the Local Council and has demonstrated to our satisfaction that he has been a member in good standing of the Boy Scouts of America

for a period of five years either as an Active or Associate Scout, or as a Scout Official, in accordance with the ten fifteen

statements made by the applicant on the information sheet herewith.

Favorable action is recommended.

Date _____

SIGNATURE _____

Signature of Scout Executive

Council _____

Address, City and State _____

The Story of Eloptic Energy

SCOUT HISTORY

DETAIL REGISTRATION RECORD MUST BE GIVEN BELOW

As Scout
From Sept 6 - 1918 to Jan 1911 Tr. No. or L. S. Rank 5 of Kansas City Mo. S. M. Chas. A. Barnes
(Mo. and Yr.) (Mo. and Yr.) (City and State)
" Sept 1911 " 4 " 1 " Wm. M. Rhodes
" " " " " " "
" " " " " " "

As Official
From 1918 to 1920 as Asst. Scout Master of troop 4 - Kansas City Mo.
(Mo. and Yr.) (Mo. and Yr.) Rank (Place and Troop or Council)
" 1920 " 1922 " City Com. " Kansas City Mo.
" 1919 " past time in 1st & 2nd years " Kansas City Mo.
" " " past time in 1st year, and past time in 2nd & 3rd " "
" " " past time in both " "

Was there any part of the period of service entered above for which you did not receive an official B. S. A. membership certificate? _____

If so, attach written statement explaining the circumstances.

If application is for 10-year Registration, answer the following questions:

1. Have you registered as a Five Year Veteran? _____
2. If not, do you desire Five Year Certificate? _____
- In this case additional registration fee of 50 cts. is required.

If application is for 15-year Registration, answer the following questions:

1. Have you registered as a Ten Year Veteran? yes
 2. If not, do you desire Ten Year Certificate? also registered and received gold service medal
- In this case additional registration fee of 50 cts. is required.

SHOULD YOU DESIRE LARGE CERTIFICATE—50 cts. extra. Enclosed _____ for Large Certificate for framing. *It was presented the day it was made up in 1926 by Dr. Beal*

National Council Record

Do Not Write Here

(1) PREVIOUS SCOUT HISTORY.

[illegible]

Remarks _____

_____ O. K. for _____

Not O. K. for _____ Total service only _____

- (2) Registered as Five Year Veteran Scout No. _____ Date _____
- (3) " " Ten Year Veteran Scout No. _____ Date _____
- (4) " " Fifteen Year Veteran Scout No. _____ Date _____

- (5) Certificate written _____
- (6) Veteran letter written _____
- (7) Large Certificate _____
- (8) Alphabetical Veteran card written _____
- (9) Letter and certificate mailed _____
- (10) Entered _____
- (11) Filed _____

Supply Order Detached ☐

Of my arrival and early sojourn in this world . . .

CHARLES A. BARRETT
Proprietor

TELEPHONE:
M.F. 1-2000 (1940)



Producers of Particular Printing for Particular People

The Barrett Print Shop

4508 East Twenty-fifth Street

KANSAS CITY, MISSOURI

November 14th, 1930

To Whom It May Concern:

This is to certify that T. G. Hieronymus started in the Boy Scout of America on September 6th, 1910. Enrolling in my troop, which at that time was Troop 5 of Kansas City. He passed the Tenderfoot tests and took oath on November 10th the same year. He transferred to Troop 4 during the year of 1911.

To my knowledge, he was active in scouting in various capacities up to the time he received his Fifteen Year Service badge. He received this badge at the same moment. Our beloved Dan Beard presented me two and three others with a fifteen year service medal from the Kansas City Council for continuous service here in Kansas City. Any further information that I can supply, will be glad to furnish.

Yours very truly,

(Chas. A. Barrett)
District Commissioner.

The Story of Eloptic Energy

BOY SCOUT SERVICE RECORD OF T.G.HIERONYMUS

Joined Scouts September 6, 1910, Troop 5, Chas. A. Berrett, S.M.

Made patrol leader of the Cobra patrol.

Became tenderfoot November 10, 1910.

We took the first overnight hike that was taken in Kansas City, Mo.

Transferred to Troop 4, Wm. M. Rhodes, S.M. Spring 1911.

Passed 2nd class (the first in the K.C. Council to pass it)

June 22, 1911 at the first scout of the K. C. Council held at Dallas Park near Kansas City, Mo.

Passed 1st class in the fall 1911.

Demonstrated a portable field wireless station in Convention Hall at the December 30, 1912 round-up and sent messages to another permanent station in the hall.

Went to the Mexican border with the Signal Corps from Missouri from June 1916 to January 1917.

Assistant Scoutmaster Troop 4. *before entering military service.*

In military service August 5, 1917; to France, October 18, 1917 returned home June 1919 (was carried on records of Troop 4 as A.S.M. during military service)

Asst. Scoutmaster troop 4 from middle of 1919 until commissioned District Commissioner in either 1920 or 1921 and acted in that capacity until middle of 1927.

Merit badge examiner in "Wireless" from middle of 1919 until in 1925.

Merit badge examiner in Electricity from 1923 to present time.

Was Scoutmaster of Camp troop "T" at the "Ginger Blue" camp in the Ozarks 1921.

Of my arrival and early sojourn in this world . . .

Was aid to the Director of our first permanent scout camp at
Noel, Missouri, 1922.

Was director of the summer camp at Noel, Missouri, 1923.

Was at all scout camps on up to and including 1928.

Took part in all annual "round-up" of the K. C. Council except
the last one when I was out of town on business.

Was assistant director of the Grand entry at the 1926 round-up.

Was Director of the Grand entry at the 1927 round-up.

Was Director of the Pioneering events at the 1928 round-up.

Was Director of the Pioneering events at the 1929 round-up.

Have been student and instructor at various scout leader's training
courses.

Am taking the scout commissioners course at this time in the K.C.
Council's university of Scouting.

Became active as district commissioner again in September 1930.

*Received a gold service medal from the Kansas City Council in spring of 1934
and presented by Uncle Sam Beebe for 15 years continuous service in scouting
in Kansas City, Mo.*

J. M. Thompson
11-15-30

The Story of Eloptic Energy

FIVE, TEN AND FIFTEEN YEAR VETERAN INFORMATION SHEET

SUPPLY
REMITTANCE

When a Scout has had an all around training, being thoroughly grounded in Scout work, and well developed, through long, continued service in the Scout Movement, it is but fitting that some suitable recognition of that fact be made. This is provided for through the establishment of the VETERAN SCOUT ASSOCIATION.

There are three conditions of membership in this Association:

- (1) That the Scout be at least a First Class Scout, Scout Official or Adult Member.
- (2) That he has a total of at least five, ten or fifteen years—not necessarily continuous—service.
- (3) That he agrees (a) to live up to his Scout obligation; (b) to keep local Scout authorities in the community in which he lives informed as to his availability for service to the community in case of emergency, and (c) to take an active part in the promotion of the cause of Scouting as the circumstances and conditions in his case permit.

Registration as a Veteran Scout, at a cost of \$.50, makes him a life member of the Veteran Scout Association, and entitles him to wear the embroidered Veteran Scout badge on his uniform and the Veteran metal badge on his civilian clothes.

Membership in the Veteran Scout Association is open to all Scout Officials and Adult Members—of five or more years' total registered service.

NOTE—If a member of the Veteran Scout Association desires further recognition as a 10 year Veteran, 15 year Veteran, etc., he must maintain an active registered relationship in some official capacity as a Scout or a Scouter and pay the annual registration fee of his membership class—Scout 50 cents, Scouter \$1.00.

Registration as a Ten Year Veteran Scout costs 50 cents, whether or not the Scout has registered previously as a Five Year Veteran. If a ten-year applicant has not been registered as a Five Year Veteran, his ten-year registration enrolls him as a life member of the Veteran Scout Association. If he also desires a five-year certificate, it will cost him 50 cents additional.

Questions regarding eligibility to membership in the Veteran Scout Association are answered on the back of this sheet.

TRANSMITTAL BLANK

NATIONAL COUNCIL, BOY SCOUTS OF AMERICA,
2 Park Avenue, New York City.

Note:—Registration fee not to be included on supply items ordered below.

Dear Sir:

Attached are application and \$.50 fee for membership as a

5 Year Veteran Scout \$.50
10 Year Veteran Scout and \$.50 to
15 Year Veteran Scout

(1)	Five year Veteran gold-filled pin	\$.50		
(2)	" " " embroidered badge	25		
(3)	" " " 10 karat solid gold pin	2.35		
(4)	" " " 14 karat solid gold pin	3.00		
(5)	Ten " " gold-filled pin	1.00		
(6)	" " " embroidered badge	35		
(7)	" " " 14 karat solid gold pin	3.25		
(8)	Fifteen-year Veteran gold-filled pin	1.25		
(9)	" " " embroidered badge	35		
(10)	" " " 14 karat solid gold pin	3.50		
Total amount enclosed				

Respectfully submitted,

Mail Address Street _____

City and State _____

Date _____

Applicant

(SUPPLIES ORDERED SHOULD BE LISTED ON SEPARATE ORDER BLANK)



Council _____

Address _____

Of my arrival and early sojourn in this world . . .

THE KANSAS CITY AREA COUNCIL, BOY SCOUTS OF AMERICA

Composed of Bates, Carroll, Cass, Clay, Henry, Jackson, Johnson, Ray, Lafayette, Platte and St. Clair Counties

LAND BANK BUILDING • KANSAS CITY 6, MISSOURI



OFFICE OF THE EXECUTIVE

March 7, 1948

Mr. T. G. Hieronymus
Kansas City Power & Light Co.,
P. O. Box 679, 10
Kansas City, Missouri

My dear Good Scouter Extraordinary:

I count it a deep pleasure and a privilege to hand you with this communication your commission from the National Council of the Boy Scouts of America as a member of our board of directors for the year 1948.

May we unitedly continue to keep faith with the boys whom we serve through our great program of Scouting in the Kansas City Area Council - the #1 council of America.

Faithfully yours,

H. Roe Bartle
Scout Executive

HRB:R



A participating agency in the Kansas City Community Chest

The Story of Eloptic Energy

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A PARTIAL DESCRIPTION OF A BOY

A fellow by the name of Herbert M. Smith is credited with the authorship of this partial description of a critter that may be found in many a home. Possibly you may be able to find one in yours:

"After a male baby has grown out of long clothes and has acquired pants and freckles and so much dirt that well-meaning relatives do not dare to kiss it between meals, it becomes a BOY.

"A boy is Nature's irrefutable answer to mankind's belief that there is no such thing as perpetual motion. A boy is a man minus pride, ambition, pretense, greed, and about one hundred and ten pounds. When he grows up he will trade romance, energy, bashfulness, warts, and a snag-proof stomach for these other possessions. But then a boy is usually getting the worst of it in some trade or another.

"The world is so full of boys that it is impossible to touch off a fire-cracker, strike up a band, or pitch a ball game without collecting about a thousand of them. Boys are not ornamental, but they are useful. If it were not for boys the newspapers of this country would go undelivered and unread, and a thousand circus elephants would die of thirst.

"Boys are useful in running errands. The zest with which a boy does an errand is only equaled by the spirit in which a twenty-year-old Missouri mule pulls a wagon loaded with bricks. With the aid of five or six adults, a boy can easily do the family errands.

"The boy is a natural spectator; watching things is his forte. He watches parades, fires, fights, ball games, dogs, ice wagons, mud turtles, bumble bees, automobiles, trains, boats, band organs and airplanes with equal fervor. But he will not watch the clock. The man who invents a clock that will stand upon its head and sing a song when it strikes, will confer an inestimable boon on millions of families whose boys are forever coming home to dinner along about supper time.

"Boys are not popular except with their parents, but they do have many fine points. One is their entire trustworthiness. You can absolutely rely on a boy, if you know what to rely on. Trust him to get into some kind of mischief every day, for instance, and he will not disappoint you.

"Boys are abstemious, eating only when awake. They are also very durable. A boy, if not washed too often and if kept in a cool, quiet place for a while after each accident, will survive broken bones, hornets, swimming holes, massacres, and nine helpings of pie at one sitting. If only some genius would invent a method of making a boy's clothes as durable as he is, this old world would be much happier for boy-raisers."

Of my arrival and early sojourn in this world . . .



Twenty years ago T. G. Hieronymous, then 12 years old, became a tenderfoot Boy Scout. Last night at Scout ceremonies at Westport high school he was presented the twenty-year Veteran Scout pin, for continuous service in the organization. Mr. Hieronymous, who lives at 417 East Seventieth street, now an engineer for the Kansas City Power and Light Company, is shown below as he appears today. Above is a photograph made twenty years ago when, as a tenderfoot, he was learning the intricacies of wireless telegraphy.



THE NEW YORK HERALD TRIBUNE, JULY 10, 1911. Both photos made.

The Story of Eloptic Energy

March 23rd 1934

Galen Hieronymous,
Dear Galen,

I herewith enclose your record with Troop 4 as my records show and trust it may be satisfactory.

Owing to the fact that the National Hdqts did not keep any records until some time in 1912 Kansas City is just 2 years behind everybody else. This is not as it should be but inasmuch as I am not connected with scouting in any way at this time it is impossible for me to do anything about it except to urge you and Barrett to work through Scoutmaster of Tr 4 -L Thomas to see that Kansas City gets her rightful place in scouting. As you know Troop 4 was organized Aug 19th 1910 and is the only troop that has not lost its identity or number since that time but the National records show that this is only the 21st year -instead of 23rd year- of its existence and if this error is allowed to stand then there will be no record whatsoever that Mr A.W. Stypes who actually served from Aug 19-1910 till May 9-1911 and as a consequence your record prior to the actual registration of Troop 4 in New York cannot be made official-on the other hand, if they recognize your record as accurate then it must necessarily follow, troop 4 is more than 21 years old when as an actual fact Troop 4 is on this day exactly 23 yrs 7 months and 4 days old and the best way to establish Kansas City's seniority is thru Troop 4's actual record coupled with those of Mr Barrett and your own record. We three, I think, are the only survivors of 1910 who have any data on the subject. Even Scout Hdqts here had to come to my records to find out who their officers were from 1910 to 1925. I wish you could come in and see me when you have an hour to spare as I want also to discuss with you another matter of vital interest.

Sincerely,



Of my arrival and early sojourn in this world . . .



Kansas City Area Council
Boy Scouts of America

1021 McGee Street
Victor 2-4322



To Mr. T G Hieronymus

Date 7/11/74

From

Subject

Mr. Hieronymus we received your letter that you sent Mr. John D Armstrong concerning your 50 year veteran pin. If you will fill out the Veteran Application that is enclosed and send it in to us we will forward it to national to be approved. Please give us all dates and Troop Numbers and positions on the application.

THANK YOU

Nadine Hayes
REGISTRAR

The Story of Eloptic Energy

11-19-30

What to look for.

Program - plan - is it working? _____

Is Patrol Leaders Council functioning? _____

Is it a one man troop or does the S.M. delegate responsibility? _____

Mr. Whinnery on Boy Scout plan _____

Mr. Campbell - troop program. _____

It must be planned. _____

- Attention - _____

- Interest - _____

- Desire - _____

- Action - _____

must develop the boy.

S.M. must know his boys, their home environment etc. before arranging the troop program.

Program should conform to Natl. Council program

should have variety

training in citizenship and character.

The S.M. is minutes at end of the evening. Send them home with some definite lesson learned.

The element of fun is very important. It should develop teamwork work & good fellowship.

Games should be chosen to develop various good traits Service -

Of my arrival and early sojourn in this world . . .

DIRECTORS OF SILVER JUBILEE ROUND UP 1935					
TIME SCHEDULED	EVENT	TIME	DIRECTOR	Bus*--PHONE#---Ref.	
7:50-7:59	Drum and Bugle Corps	9	R. T. Scott	HA 9900	
7:59-8:00	Distinguished Guests	1	President Harry C. Walton		
8:00-8:02	Opening Tableaux	2	Charles A. Barrett		CH 484F
8:02-8:32	Grand Entry	30	T. G. Hieronymas	GR 0060	JA 5214
8:32-8:35	First Handbook	3	Charles Watson	VI 3878	
8:35-8:37	Signaling	2	Art Dods	WE 8700	WE 4498
8:37-8:39	Sea Scouting	2	R. J. Woods		JA 3017
8:39-8:42	Merit Badge Program	3	Henry Steubenrach		LI 0538
8:42-8:45	Colored Scouting	3	J. A. Jeffress		GR 0885
8:45-8:47	War Service	2	Charles E. Teal	HA 5307	HI 8395
8:47-8:49	Rotary Co-operation	2	Will F. Dawson	VI 5353	VA 3467
8:49-8:52	First Jamboree	3	Charles A. Barrett		CH 4845
8:52-8:55	Health and Drills	3	K. S. McEntire	WE 6777	
8:55-8:59	Wall Scaling	4	M. B. Hansell	BE 3100	CH 3524
8:59-9:01	Patriotic Pilgrimages	2	K. M. Howery	MA 7500	
9:01-9:03	Leadership Training	2	T. G. Hieronymas	GR 0060	JA 5214
9:03-9:06	Disaster Relief	3	Ned Edwards	GR 5460	HI 2971
9:06-9:10	Area Event	4	J. W. Diamond	GR 0050	IND 4855
9:10-9:25	Friday: Troop Awards	15	Joyce Hall		
9:10-9:25	Saturday: Eagle Class	15	George H. Charno	GR 2458	HI 6612
9:25-9:32	Aviation	7	E. L. Hughes	HA 7195	HI 6280
9:32-9:34	World Adventurers	2	Carl Quimby	HA 8700	WA 2635
9:34-9:37	Cubbing	3	Claude Vance	MA 3606	HI 4585
9:37-9:40	Chariots	3	Charles R. Kew	MA 7220	WE 7683
9:40-9:45	Camping	5	H. R. Heal	(Sta. 32) LO 1284	WA 0013
9:45-9:55	Pioneering	12	E. Wilkes, Jr.	VI 3931	WA 3214
9:55-9:58	Indians	3	C. J. Rizen	GR 8923	
9:58-10:00	Closing	2	H. Roe Bartle		
	Clowns	3	Parkor Shirling	VA 5786	

The Story of Eloptic Energy

Scout Record of Galen Hieronymous in Troop 4- B.S.A.

Transferred to Troop 4- First Congl Church May 24th 1911 From Troop 5

Passed Tender Test Tr 5- Nov 10-1910

" 2nd class Tr 4 Aug 15-1911 (First 2nd class scout in KTC.Mo)

" 1st class Tr 4 Oct 15-1911 (Second First class " ")

appointed

Because of his interest in Signalling was/Patrol leader of signal patrol

Attended first camp at Dallas Mo June 14-24 incl -1911

Built 1st portable wireless set , demonstrated same at the annual (First) exhibition in Convention hall Dec 30-1912.

Became the first Boy Scout in U.S.(So far as known) to receive a Commercial license as a wireless opr.

Asst S.M. Troop 4 1915 -Joined 3rd regiment signal Corps & went to Mexican border in 1916.

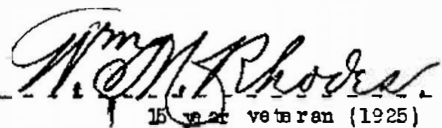
Volunteered from Troop 4 Aug 5-1917 for war in the 117 th field signal Bat went to France in October 1917 and returned 1919,

During his absence both at the Mexican border and in France he was carried on the rolls of troop 4 as Asst Southmaster by authority of National Edgts ruling that "Volunteer service in Worlds war was good scouting" & counted as Scout service.

I have newspaper articles in my possession relative to his attendance in scout camp in 1911- to his service on the Mexican border in which he was reported by his commanding officer Ruby Garrett, as having made the Regular Army Signal Corps at Ft McIntosh Tex sit up and take notice of the "Boy Scout Militiaman." and relative to his "Portable wireless demonstration in Convention Hall in 1912.

This is to certify that the above record of scout T.G.Hieronymous was taken from my records of Troop 4 B.S.A. and I believe them to be accurate. I was scoutmaster of Troop 4 from May 4-1911 until Jan 17- 1925 which period covered his entire service with troop 4.

March 8th 1934.


15 year veteran (1925)
- Suite 204 Montzall Bldg 2614 east 15th St
Kansas City Missouri.

Of my arrival and early sojourn in this world . . .

"BE PREPARED"

AMERICANIZATION

NATIONAL COUNCIL
BOY SCOUTS OF AMERICA
CHARTERED BY CONGRESS
JUNE 17, 1916

THIS CERTIFICATE IS ISSUED
ON BEHALF OF THE
NATIONAL COUNCIL OF THE BOY SCOUTS OF AMERICA
UPON THE RECOMMENDATION OF
DEPARTMENT OF EDUCATION
KANSAS CITY COUNCIL
AND IS TO CERTIFY THAT
T. G. HIERONYMUS
HAS SUCCESSFULLY COMPLETED
THE SPECIALIZATION COURSE IN
COMMISSIONERSHIP
GIVEN AT
KANSAS CITY, MISSOURI

IN WITNESS WHEREOF, THE SEAL OF THE BOY SCOUTS OF AMERICA
IS HEREBY AFFIXED THIS FIFTEENTH DAY OF December 1930

Herbert Hoover
HONORARY PRESIDENT

Carlton Cordley
HONORARY VICE-PRESIDENT

Philip H. H. H.
HONORARY VICE-PRESIDENT

W. H. H.
HONORARY VICE-PRESIDENT

W. H. H.
PRESIDENT, LOCAL COUNCIL

W. H. H.
SCOUT EXECUTIVE

W. H. H.
PRESIDENT

W. H. H.
NATIONAL SCOUT COMMISSIONER

W. H. H.
CHIEF SCOUT EXECUTIVE

W. H. H.
DEPARTMENT OF EDUCATION

W. H. H.
CHAIRMAN, TRAINING COMMITTEE

CHARACTER BUILDING

CITIZENSHIP TRAINING

"DO A GOOD TURN DAILY"

BOY SCOUTS OF AMERICA

December 4, 1930

Mr. T. G. Hieronymus
417 East 79th Terrace
Kansas City, Mo.

My dear Mr. Hieronymus: Thru Kansas City Council, #309

Some twenty years ago one of our citizens was lost in a London fog, but the enthusiasm of a boy inspired with a new ideal guided him to his destination; - yes, to a destiny which was to bring a similar ideal to millions of our boys and men.

In those early days you too found a destiny and now with your twenty years of service we salute you as a veteran in the truest sense of the word. You stood by Scouting in all of its development and growth and share in the glories of its present success as one of the foundation stones upon which it was built.

I wish there was some way in which we could measure the results of your twenty years of effort in order that your splendid accomplishment could be cited as a living memorial. We perhaps can never know the far reaching effects of your work on the lives of the boys with whom you came in contact. You are not richer in gold and jewels, because of these twenty years, but your inner satisfaction in the knowledge of the help rendered youth makes you rich beyond comparison with material wealth.

And now, on behalf of the National Council, I wish to present to you this certificate, with our sincere congratulations and thanks. May I extend to you my personal congratulations and thanks for all that you have done to help make Scouting the wonderful movement that it is. Without your tireless support and that of all the early pioneers, it could never have achieved its present force, magnitude, and good will. For this reason I am very grateful, and extend to you my best wishes for your continued support and help.

Sincerely and cordially yours,
BOY SCOUTS OF AMERICA
James E. West
Chief Scout Executive

JEW:RF

Of my arrival and early sojourn in this world . . .

June 11, 1961

Mr. E. S. Martin,
National Director of Publications,
Boy Scouts of America,
2 Park Avenue,
New York City.

Dear Mr. Martin:

If there were time before the issue of your magazine, and space available, I am sure that a great deal of interesting reminiscing might be done in connection with the last twenty years existence of the Boy Scout organization.

Your interpretation of my particular service record is almost entirely correct insofar as it goes. I am attaching a more complete service record.

As to the character building sources of boy scout training, much can be said.

I can recall numerous incidents where boys have had their attitude towards others and toward life in general entirely changed after becoming associated with a boy scout troop.

In the Merit Badge work, I have especially noticed the effect on some boys. We have had a number of instances where the entire life of a boy has been changed as the result of his interest in Merit Badge work and the attitude of the Merit Badge examiner to him. There is one boy (now a man by the way) who decided to become a doctor and recently graduated from a medical school as the result of having been detailed to duty in the camp hospital at one of our summer camps.

There is another young boy who is taking a course in Sculpturing at the Art Institute as the result of his work in attempting to pass the sculpturing merit badge. Since he was an Italian and his father was a huckster,

The Story of Eloptic Energy

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I am inclined to think that the boy would in all probability have grown up to be a huckster had it not been for the Merit Badge work. As to myself, my first interest in radio was manifested when I undertook to build a wireless outfit in 1910 in order to use it in connection with boy scout signal work. Thru the interest of my manual training teacher who happened to be my Scout Master, I built the outfit and in later years made the building of radio equipment a business.

As I said in the beginning of this letter, if time and space permitted, there is no question but that innumerable instances might be related.

I am looking forward to seeing a list of the old timers and I am just wondering how many there are who have a continuous service record.

Yours truly,

TGH:FH

T. C. Hieronymus

Of my arrival and early sojourn in this world . . .

BOY SCOUT SERVICE RECORD OF T. G. HIERONYMUS

- 0 -

Joined Troop 5 under S.M. Chas. A. Barrett, Sept. 6, 1910. Was made Patrol Leader and organized the Cobra Patrol.

Passed tests and became a tenderfoot, Nov. 10, 1910.

My patrol took the first overnight hike of the Kansas City Council.

Transferred to Troop 4, Wm. H. Rhodes, S.M. in the spring of 1911.

Attended the first summer camp of the K. C. Council in June 1911 at Dallas Park. While there I passed the tests and on June 22, 1911 became the first, second-class scout in Kansas City.

Passed tests and became first-class in the fall of 1911.

Demonstrated a portable field wireless at the first Scout Round Up December 30, 1912.

In May 1913 while operating my field wireless set, telegraphing to another scout with a field station, we were seen by members of the Signal Corps, National Guard of Missouri. As a result, I was induced to join the Signal Corps.

Was made Assistant Scoutmaster of Troop 4 in 1915 and held that position until 1920.

Went to Mexican Border with Signal Corps from June 1916 to January 15, 1917 as 1st Class Sgt. and Master Signal Electrician.

Left Kansas City for France, August 5, 1917 as Master Signal Electrician with 117th Field Signal Bn. 42nd Division.

Returned from France, June 1919 as 2nd Lieutenant.

Merit badge examiner in Wireless from 1919 until 1925.

Merit badge examiner in Electricity from 1923 to present time.

Commissioned District Commissioner in winter 1920 and acted as such until 1927.

Awarded Eagle Badge, May 11, 1925.

Presented 15 year gold service medal by K.C. Council, Spring of 1926.

Commissioned District Commissioner again in 1930 and 1931.

Presented with 20 year Veterans pin, Feb. 1931.

The Story of Eloptic Energy

February 5, 1931

Mr. James E. West,
Chief Scout Executive,
Boy Scouts of America,
20 Park Avenue,
New York City.

My dear Mr. West:

Your letter of December 4 and my twenty year pin and certificate were presented last nite at Court of Honor.

I wish to thank you for your very nice letter. It shall be put away with the other mementos I am collecting in connection with the Scout movement. You will be interested to know that my pin was presented by Mr. Chas. J. Barrett, also a twenty year veteran, who was my first scoutmaster.

Again thanking you for your kindness, I am

Yours truly,

TGH:PH

T. G. Hieronymus

Of my arrival and early sojourn in this world . . .

KANSAS CITY COUNCIL
Boy Scouts of America

THE BOY SCOUTS BUILDING
LAND BANK BUILDING • KANSAS CITY, MISSOURI

August 12, 1935

Mr. T. G. Hieronymous
%Kansas City Power & Light Co.
14th & Baltimore
Kansas City, Missouri

Dear Mr. Hieronymous

The Jamboree Committee wishes to express its heartfelt appreciation and thanks for your efforts in assisting us to work out the Kansas City Project. We feel that you have again proven yourself a good scout and are only sorry that your project could not be constructed for all to see.

With best of Scouting good wishes, I am

Very truly yours,

John R. Long
Assistant Secretary
Jamboree Committee

JRL:KB

KANSAS CITY COUNCIL
Boy Scouts of America

THE BOY SCOUTS BUILDING
LAND BANK BUILDING • KANSAS CITY, MISSOURI

February 22, 1936

Mr. T. G. Hieronymus
1330 Baltimore Avenue
Kansas City, Missouri

My dear Commissioner:

As these commissions pass through my hands to be checked before being mailed to the field I want to pause long enough to add my personal expression of appreciation for your fine work for this council. You have in every way proved yourself a true friend of this boy movement. Please be assured that your unlimited industry and faithfulness is a constant pleasure to me.

Faithfully yours,

H. Roe Bartle
Scout Executive

HRB:MAH

Of my arrival and early sojourn in this world . . .

Oscar L Smith
Room 1003 Light & Power Bldg
C I T.

Kansas City Mo
May 16th 1946

Referring to our conversation regarding Hieronymus and that "Card index" of mine that contains all(?) the information, Galen was born Nov 21-1895. In Convention Hall on Dec 30th 1912 he exhibited and operated from the floor to the upper gallery of the (old) hall, the first wireless set built in America by a Boy Scout. He was my assistant Scoutmaster in 1915 and resigned to go to the Mexican border with the American troops and later with the 117 Field Signal Bat- in France. Now a few quibs taken at random from the index that might interest you. Galen was the first scout in America to receive a license as a wireless op'r. George M Myers Electrical expert in the earl 90's predicted in Oct 17-1892 that the annual Priest of Palles floats would, in a few years move through the streets with electric power. (up to then the floats were horse drawn).

Steinmetz was the first man to discover and utilize the "alternating current".

The only house in Kansas City thoroughly equipped with electric lights in February 1890 was the home of Edwin R Weeks - Electrician - at 1409 Cherry.

In 1892 when Electric cars were suggested for Wyandotte St (Oct 8th) were opposed by many citizens because of its danger to pedestrians - they might get a shock and be killed.

The old Cable car to Westport Mo was changed to Electric power May 3rd 1900.

In 1902 The street car co began experiments with an "electric switch" by which the car operator could throw the switch without leaving his post.

On Sept 4-1892 Thos A Edison threw a switch that put into operation the WORLD'S FIRST ELECTRIC LIGHT PLANT. Located in N Y City. He also perfected a system of wiring by which one electric light could be turned out without affecting the others - (here's one for your engineers to ponder over).

On October 26-1896 Nikola Tesla began work on a plan of electric power transmission without the use of wires.

On May 30-1900 your company began installing underground wires between Baltimore and McKee and from 7th to 15th St. Wonder if Galen knew this date?

Last but not least on Aug 24-1903 The street car company sought some practical method of providing light on street cars other than oil lamps.

Galen was only 8 years old then so he could not do anything about it. But I dare the bunch to ask him NOW.

That's all from "Rhodes Card index" at this time. Hope I havn't tired you but I just wanted to see for myself a very few of the items concerning your line of work. Then decided to pass them on.

Sincerely,

W. M. Rhodes

The Story of Eloptic Energy

From "Snowbound"

By: James Greenleaf Whittier

Yet Love will dream, and faith will trust,
That somehow, somewhere, meet we must.
Alas for him who never sees
The stars shine thru his Cypress trees:
who, hopeless, lays his dead away,
nor looks to see the breaking day
across the mournful marbles play:
who hath not learned, in hours of faith
The Truth, to sense and flesh unknown:
That Life is ever Lord of Death,
And Love can never lose its own.

During the War . . .

III

During the War . . .

War clouds hung over us in 1916. Since we were Company A in the Kansas City National Guard Division, we expected momentarily that our country would be involved in war with Germany, and our Division would be on our way to France.

I continued my work with building wireless sets to order, designing and building electrical, medical equipment for doctors, scout work, and functioning as Master Signal Electrician in Company A, Kansas City National Guard. We were a Signal Corps unit and functioned as communications experts for our division with our wireless equipment.

Mindful of the war clouds and the certainty that I would go overseas with Company A, I faced the possibility that I might not return. I had married that year, and yet could not set up a home and get started on any regular family life because of the possibility that I would be on my way to France at any time. Sure enough, this country declared war on Germany. National Guard Divisions were alerted for active duty. I was soon aboard a train with my buddies, en route to New York to embark for England.

We left the train near New York City and set up camp in a corn field to await embarkation orders. The U.S. had seized three German steamships that were in Hoboken Harbor and held their crews and officers (native Germans) in protective custody. The ships had been held for two years, with the complement of officers and men living aboard a part of that time. The ships were food transports, fitted out with enormous refrigeration facilities. The Kron Princess Cecilia, renamed "The President Grant" was the ship on which we were to sail to England. It had been overhauled and fitted with bunks and adequate mess facilities, wireless equipment,

The Story of Eloptic Energy

and adequate boats.

I had had my smallpox vaccination on joining the National Guard. I received another when we went to the border in 1916; before boarding *The President Grant*, I had another.

The President Grant had six thousand troops aboard when we had all boarded. The dangers of submarine warfare were very prevalent. As we steamed out of New York Harbor, we were part of a large convoy sailing east. We found our bunks, unpacked as much as possible, and when we could, explored the ship. I was given permission to visit the wireless room, which was my main interest. Four days went by. A friend and I decided the fourth evening to go up top to the deck, since our quarters were close and quite warm. We took blankets with us and made ourselves comfortable in a lifeboat.

The sky was dark. Thousands of stars twinkled overhead. We could see the lights of the ship just ahead of us and the phosphorus lighting her wake. Finally we realized the ships ahead were gone and our ship had turned around, going back in the direction we came from. We jumped up and ran to the wireless shack, but the operator was very busy and wouldn't talk to us. We finally found someone who told us the ship had boiler troubles and was on her way back to New York.

When the interned German crew was living aboard the *Kron Princess Cecilia* nee *The President Grant*, they had amused themselves by boring holes in the cylinder walls of the huge boilers and filling the holes with corks which they painted the color of the cylinder walls. The oiler of the ship's crew had showed me the places where welders had repaired the damage. The German crew had also put small pieces of iron, (screws, nails, etc.) and carborundum in the cylinders. All this sabotage had been discovered and repaired. The ship had performed well on the shake-down cruise to Hampton Roads Navy Yard, but when so much equipment and six thousand troops were aboard, the ship rode lower in the water. It had not been discovered that the Germans had put a solution in the boiler tubes that precipitated scale, and clogged the boiler tubes. The Captain had decided to leave the convoy and return to New York Harbor. With the boilers malfunctioning, the ship could not have kept up with the convoy. She would have been a sitting duck for German submarines.

We limped back up the East River to Fort Totten, New York, and we were there four days. Then we were transported to New York where our battalion and some nurses and other outfits went aboard one of the 35 small ships, in convoy. We took a zig-zag course for England. We landed at Liverpool, and after a few days, went aboard another ship, crossed the English Channel, and were at last in France. We

During the War . . .

landed at Le Havre. Accommodations had been arranged for pitching tents by unrolling long rolls of chicken wire in rows. Tents were pitched over the wire rows and we slept in our blankets on the chicken wire. The next day we got on a French train pulled by a small engine. We would ride along for an hour or so on a single track road. The train would back up for what seemed an hour until it got on side tracks to let another train go by. This procedure continued for four days until we arrived at the town of Vocaliers.

There seemed to be something magical about the number four, as applied to our Division. We were aboard The President Grant four days before the ship returned to New York and Fort Totten. We were at Fort Totten four days before we went aboard the transport barges out to an English ship. We were aboard the English ship four days on our way to Halifax, Nova Scotia. We were in Halifax four days before we went aboard one of the ships in the convoy and sailed to England. We were in England four days before we crossed the English Channel.

Finally, we spent a miserable four days aboard the French train. We were all hungry, tired and disgusted. The canned goods our cooks were to use to prepare meals for us aboard the train had made the trip from the United States in a damp hold of a ship. In the dampness, all the printed labels had come off the cans, so no one knew what was in the cans. We were always hopeful, but every meal aboard that French train consisted of tomato puree and only tomato puree from those cans with no labels.

In four days' train journey from the Le Havre, we disembarked from the train at the little town of Vocaliers. Our Division set up camp in the City Park, with the soup kitchens in a prominent position. At last all we hungry dough boys, still sick of tomato puree, got some food we could eat.

The town was picturesque, but quite odorous. Most of the houses along the streets were two room houses. Each house had two front doors, one to each room. A French family lived in one room of the house, where they slept, cooked and ate. The other room was the dwelling place of one or more cows, some pigs and chickens. The manure was shoveled out all during the winter and piled high in front of the house, along the street. Every house had a huge pile of manure in front of it. In the spring the family would load the manure in a two-wheeled cart. In several trips the farmer would haul the manure out to his little tract of land, seldom bigger than four or five acres, and spread it on the land. Then he would plant his crop. But we didn't know that.

Our Colonel was quite upset. It was very important to maintain sanitary conditions, so the morning after our camp was pitched, we had orders to take our

The Story of Eloptic Energy

wagons and shovels and clean up the town. With several men to each wagon, we were hauling off manure at a fast rate. We hauled it away outside the town and dumped it. Then we heard the bugles blow Recall. We abandoned our manure hauling activities and returned to camp. A lot of angry French farmers were there confronting our officers, along with the mayor and an interpreter. Finally the shouting died away and between the Mayor and the Colonel, a compromise was reached. The American Colonel, being a stranger to French customs and manner of life, was a very ignorant man. He did not know that manure was the wealth of the people of the town. He did not know that when he had his soldiers haul the manure away, he had robbed the people of their wealth. The Colonel apologized to the mayor and the people. He said he would have his soldiers take their manure out to their fields and (at Major Garrett's suggestion) have his soldiers spread the manure on their fields. The people liked that, for it would save them a lot of labor.

It was in December and snow was on the ground. The weather was cold. We were out of fuel for our soup kitchens, so the Colonel ordered some men from each company to take axes and wagons and go to the forest on one side of the town and cut wood and bring back each wagon loaded with wood. Here, because of ignorance, we committed our second faux pas. We found the forest. It was a beautiful forest, with orderly rows of trees, like rows of corn. The trunks of the trees were seven to ten inches through. We cut and split enough wood to keep the stoves in our soup kitchens burning for several days. Thereby, our officers were again involved in an emotional shouting attack by our French hosts. We had again committed an unpardonable crime: We had cut trees in a State Forest without permission. This finally resulted in our having to pay a big fine to the French Government. We were there to help them, and were even prepared to lay down our lives in defense of the French people, but neither their Generals nor the Government made any provisions for our use such as food, wood, or the other accommodations we needed.

After four days in Vocaliers, we were again the victim of political manipulations. It seemed that the regular U.S. Army wanted replacements to fill in the ranks of several Divisions. The officers argued that as National Guard battalions, we were not trained nor had the experience that regular Army battalions boasted, so we of the National Guard could not keep up. Our companies should immediately be broken up and the members scattered around among the regular Army Companies.

We were aghast at the prospect of being forced to leave our officers and buddies. That we should lose our identity was unthinkable. Our officers protested loudly and long, citing our continuous training and our loyalty to our officers and ideals. The result was that we were sent off, in cold December weather with eight inches of snow

During the War . . .

on the ground, on a forced foot-march, each man carrying full pack, through unfamiliar mountains.

On the second day, a motorcycle messenger caught up with us. He told us that one of our trucks carrying our wireless equipment was broken down about thirty miles away back down the road. I was sent back to see what the problem was. I rode on the motorcycle hanging on behind the driver. The road was rough and covered with snow that was iced over. The air temperature was well below freezing. We were lucky to find little cafes in homes at intervals along the way. We would alight from the motorcycle and go into the cafe and order hot coffee. The coffee was made from a spoonful of thick black coffee syrup spooned into a big mug and boiling water added to fill the mug. It was thick and hot and of such a strength that I would have bet my last dollar that it would corrode boiler tubes. But to two frozen dough boys, it was veritable anti-freeze and fuel to enable us to go on down the road.

When I reached the disabled truck, the trouble was apparent. I sent the motorcycle driver to the outfit with a request to Major Garrett for a team of mules and a supply wagon. Then we waited for our request to be filled. The motorcycle man came back with some tools. He admitted he hadn't asked for the mules and the wagon. We sent him back again and he never came back to us, nor did we receive the mules or wagon.

We would go into a town nearby to buy food. We scavenged wood and built fires in our attempt to keep warm.

This went on for ten days. On the tenth day, a truck caught up with us and stopped to help. We tried over and over to get the truck running again, but we didn't have the proper parts or the right tools. I had not heard from the Company Commander. I was a Master Signal Electrician, the highest ranking non-commissioned officer in our Company, so I took the responsibility of handling the situation. Under my orders we cannibalized the wireless truck. We first took off all the wireless equipment and loaded it on the other truck. Then we literally took the wireless truck apart (even to hub-caps, wiring, carburetor, tires), everything we could take off. With the load on the other truck, we made it back to the mountain camp just in time to join our Company as they moved out on their way to their assignment. I had to answer a lot of questions, but all in all, the Captain finally agreed that I had done what was best under the circumstances.

I had orders to report to the Second Signal Corps School as a student. I was already several days late. When I arrived I was interviewed by a First Lieutenant. The Lieutenant was duly impressed by the fact that I had my license and a wireless station on the air in 1913. He promptly appointed me Assistant Instructor and set me

The Story of Eloptic Energy

to work instructing Signal Corps recruits in the intricacies of building, repairing and using wireless equipment.

By the time we had arrived in the little town where we were to remain for some months, it was just a few days until Christmas. Our pay checks for several months finally caught up with us. We went on a Christmas shopping spree. There wasn't much left in the stores but U.S. money. Packages were dispatched back to loved ones in the "good ol' U.S. of A.," and we had a terrific Christmas dinner.

Some of us who wished to send messages home went to the town wireless station. All the young men of the town were in the French Army. The operator of the wireless was an older man who sent messages very slowly. We realized that very few of us would get our messages out at the rate the operator was sending, so several good operators persuaded the old Frenchman to let them send the messages. They sent their buddies' messages correctly and with speed. The Frenchman looked on in astonishment at the speed and efficiency of "our operators."

I was billeted with a French family, which was large and had many food ration stamps. The father had been on the front with his battalion, but was home on leave. Everyday his wife would walk to a nearby town and purchase food with money and ration coupons. Because they had so many family members, they had many coupons and could get enough food to share with me. I paid enough money for boarding that with what I paid and the father's military pay, they had plenty of money with which to buy food. One day they told me they were going to get "salade." I went with their large family group down to a clear, flowing creek and helped them pull watercress out of the creek with long handled wooded rakes. Some of the cress we had at the next few meals. Some of it was put in crocks in vinegar, to save for winter use.

My next assignment was at Chateau Surseine. My orders were to report to the First Corps Signal School. I couldn't find the First Corps Signal School. I finally found the commanding officer. When I had reported to him, he gave me my orders. I was to find a location for a school and set up a classroom! To say I was astonished is to put it mildly. I recovered from my surprise in record time and set out around the village to find a building suitable for a Signal Corps School. I found an available granary. Another Signal Corps man had arrived. Together we swept and cleaned the granary.

During the War . . .

HEADQUARTERS 26th DIVISION AMERICAN EXPEDITIONARY FORCE

France, May 25, 1918.

SPECIAL ORDERS
No. 143.

Extract

8. In accordance with paragraph 44, Special Orders No. 142, General Headquarters, American Expeditionary Forces, dated May 22nd, 1918, the following-named enlisted men, upon their reporting to these headquarters, will report to the commanding officers of the organizations indicated after their respective names for duty with specialities ~~also indicated~~ for a period of one week's intensive training IN THE FRONT LINE, and upon completion of this duty they will return to their proper stations, as directed by the aforementioned order.

TO ONE-POUNDER PLATOON	
Sgt. H. A. Prentiss, Company D, 165th Infantry)
TO SAPPERS & BOMBERS PLATOON	
Sgt. C. C. Hash, Company D, 23rd Infantry)
TO RIFLE COMPANY	
Sgt. W. H. Thomson, Company E, 103rd Infantry)
Sgt. R. J. Jennings, 51st Company, 5th Marines)
Sgt. Allan G. Carson, Company M, 28th Infantry) To 101st Infantry
Sgt. H. L. Frentz, Company G, 166th Infantry)
Sgt. H. F. Cullickson, Company G, 104th Infantry)
Sgt. Wm. J. Whitmore, Company E, 16th Infantry)
Sgt. E. J. White, Company K, 103rd Infantry)
Sgt. Fred J. Nutter, Company A, 103rd Infantry)
Sgt. H. J. Linkey, Company L, 28th Infantry)
TO MACHINE GUN COMPANY	
Sgt. P. L. Rich, Company C, 102nd M. G. Bn.)
Sgt. E. Poldeni, Company A, 2nd Brig. M.G.Bn.) To 102nd M. G. Bn.
Sgt. G. G. Darnell, 76th Company, 6th Marines)
TO SIGNAL COMPANY	
M.S.E. Thomas G. Hieronymus, 117th F.B.S.C.)
Sgt. Alva E. Smith, 101, 5th F.B.S.C.) To 101st Fld. Bn. S. C.
Sgt. W. L. Slaney, 101st F.B.S.C.)

The Quartermaster Corps will furnish the necessary transportation.

The journey is necessary for the public service.

By command of Major General EDWARDS:

OFFICIAL:
C. A. STEVENS,
Adjutant General,
Adjutant.

DUNCAN K. MAJOR, Jr.,
Chief of Staff.



The Story of Eloptic Energy

P A S S

Dec. 26th, 1918, 191..

Anonymous, A. J. 199923 ... Candidate.
(Name, number and rank)

Ho Army Signal Schools. From 9:30 p. m. to 8.00 p. m. Dec. 26.
(Organization)

For purpose of Visiting friends in Langres.
(State object for which issued)

2nd Lieut. S. C. ...
(Signature of Officer)
Company Commander.
(Rank and Organization)

This pass must be made out and signed with ink. Is good only on day of date and is not transferable.

NOT VALID UNTIL STAMPED IN PROVOST MARSHAL'S OFFICE
Form 1094 (Over)

During the War . . .

GENERAL HEADQUARTERS
AMERICAN EXPEDITIONARY FORCES

France, February 1st 1919.

From: The Commander in Chief.
To: M.S.S. Thomas Galen Hieronymus, 199923, 12th Service Co. Signal Corps,
Through Commandant Army Schools, Langres
Subject: Appointment in the Officers' Reserve Corps.

1. By authority of the Secretary of War contained in War Department Cablegram No. 2345, dated December 23, 1918, and under the provisions of the Act of Congress approved June 3, 1916, you are hereby appointed a

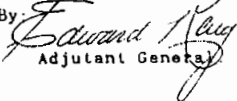
SECOND LIEUTENANT

in the SIGNAL CORPS SECTION OF THE OFFICERS' RESERVE CORPS, ARMY OF THE UNITED STATES, to rank as such from the First day of February 1919.

2. The acceptance of this commission does not entitle you to the pay or emoluments of the grade to which you are appointed unless you are called to active duty by competent authority.

3. This letter will serve the purpose of a commission until receipt by you of commission from the WAR DEPARTMENT.

JOHN J. PERSHING,
General, United States Army.

By: 
Adjutant General

The Story of Eloptic Energy

HEADQUARTERS ARMY SCHOOLS, AMERICAN Z. F.,

France, February 1st, 1919.

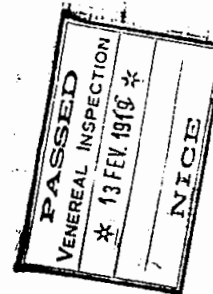
Special Orders

No. 32

Extract.

Par. 6. Pursuant to telegraphic instructions from G. H. Q., American Z. F., dated January 30th, 1919, a class "A" leave as provided in O. O. #14, c. s., G. H. Q., American Z. F., is granted the following named successful candidates of the Army Signal School, with permission to visit Nice, France:

Sgt. 1st Cl. Duerr, W. A., 167703, 301st F. S. Bn.
M. S. E. Hieronymus, T. O., 199923, 12th Service Co., S. C.
M. S. E. Noble, H. E., 1869555, 306th Field Signal Bn.
M. S. E. Schaefer, H. T., 202111, Radio Section, S. C. #1.
Sgt. 1st Cl., Jakway, C. H., 2138260, 213th Fld. Sig. Bn.
M. S. E. Rosenberger, C. L., 1724482, 321st Fld. Sig. Bn.
Sgt. 1st Cl. Sebeurin, F. H., 1667859, 301st Fld. Sig. Bn.
Sgt. 1st Cl. Price, F. M., 2282559, 322nd Field Signal Bn.
M. S. E. Brown, M. D., 1258155, 103rd Field Signal Bn.
Sgt. Fraser, R. M., 200075, 117th Field Signal Bn.
Sgt. Kennedy, Kaye, 2544712, 309th Field Signal Bn.
M. S. E. Swinehart, C. D., 1919827, 307th Field Signal Bn.
Sgt. 1st Cl. Gallier, F. W., 1539364, 112th Field Signal Bn.
M. S. E. Wilkinson, B. J., 1868332, 112th Field Signal Bn.
Sgt. 1st Cl. Blaney, W. E., 1988084, 300th Field Signal Bn.
Sgt. 1st Cl. Waters, T. H. C., 1877020, 318th Field Signal Bn.
Sgt. 1st Cl. Hambergren, C. S., 2138884, 315th Field Signal Bn.
Sgt. 1st Class Putnam, D. E., 1671569, 317th Field Signal Bn.
Corporal Truesdell, H. M., 189496, 12th Service Co., S. C.
M. S. E. Harris, A. C., 286296, 411th Telegraph Bn.
M. S. E. Barnum, Albert, 1988106, 308th Field Signal Bn.
Sgt. 1st Class Jackson, H. S., 2192502, 314th F. S. Bn.
M. S. E. Richardson, Grant, 1869471, 306th Field Signal Bn.
M. S. E. Clarkson, Geo. W., 1641253, 115th Field Signal Bn.
M. S. E. Smith, C. H., 2282384, 322nd Field Signal Bn.
M. S. E. Ward, E. L., 705532, 417th Telegraph Bn.
M. S. E. Prebet, L. R., 2282001, 405th Telegraph Bn.



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-- 4 par. 6, 32

Sgt. 1st Cl. Sabin, E. A., 2314221, 5th Field Signal Bn.
Sgt. 1st Cl. Dodd, Lester M., 1113262, 9th Field Signal Bn.
Sgt. 1st Cl. Lavender, G. S., 1724538, 1st Field Signal Bn.
Sgt. 1st Cl. Walsh, W. J., 1672142, 40th Telegraph Bn.
Sgt. Fleming, W. M., 1113247, 9th Field Signal Bn.
Sgt. 1st Cl. Poux, Noel J., 202464, 12th Field Service Co., S. C.
Sgt. 1st Cl. Bradbury, G. P., 1505382, 11th Field Signal Bn.
Private 1st Cl. Yeomans, R. W., 166722, ~~1st Field Signal Bn.~~
Sgt. 1st Cl. Meroney, P. J., 919034, 304th Field Signal Bn.
Sgt. 1st Cl. Wehnert, Carl, 171647, 202nd Field Signal Bn.
Sgt. 1st Cl. Clarke, C. H., 166781, 501st Field Signal Bn.
Pgt. 1st Cl. Hopkins, E. M., 19997, 117th Field Signal Bn.
Sgt. Evans, Chas., 199521, 116th Field Signal Bn.

Upon completion of this leave, these enlisted men will proceed to Headquarters, 1st Depot Division, for assignment to duty.

The Quartermaster Corps will furnish the necessary transportation and subsistence.

The travel directed is necessary in the military service.

x x x x

BY COMMAND OF BRIGADIER GENERAL BARTON:



H. S. DILWORTH,
Lieut. Colonel, Cav., U. S. A.,
Secretary.

The Story of Eloptic Energy

WAR DEPARTMENT
THE ADJUTANT GENERAL'S OFFICE
WASHINGTON March 24, 1919.

IN REPLY
REFER TO AG 201 (Hieronymus Thomas Galen) Off.

MEMORANDUM

for
Mrs. T.G. Hieronymus,
3034 Walnut St.,
Kansas City, Mo.

The Reserve Corps commission inclosed herewith is sent to you for safe keeping upon request of the appointee whose name and other particulars appear below. The appointment was made in France by the Commanding General of the American Expeditionary Forces and official acceptance of this commission is on file in this office. In this connection you are advised that Reserve Corps Officers will not be called to active duty during the present emergency under commissions tendered subsequent to November 11, 1918, therefore the present military status of the appointee is not affected by this appointment.

Acknowledgement to this office is not desired.

Name, serial number, present rank and organization.

Hieronymus Thomas Galen, 199923, MSE 12th Service Co. S.C.

Reserve Corps rank and section.

Second Lieutenant, Signal Section.

Date of appointment.

February 1, 1919.

P. C. Harris,

The Adjutant General.

1 Incl.

During the War . . .

CERTIFICATE IN LIEU OF LOST OR DESTROYED

Discharge



Armed Forces of the United States

This is to certify that

THOMAS B HIERONYMUS 199 923 Master Signal Electrician
12th Service Company enlisted 19 June 1916 at Kansas
City Missouri for Missouri National Guard and

was discharged from the

Army of the United States

by Honorable Discharge

on 21 April 1919

at Camp Zachary Taylor Kentucky

Given at Washington, D. C., on 20 February 1961

Service Outside U S: 3 November 1917 to 28 March 1919

Age at enlistment and place of birth: 21 years 7 months

Valpariso Indiana

Mustered into Federal service 24 June 1916, mustered out of
Federal service 15 January 1917 and reported for World War I
service 5 August 1917

Subsequent Service:

Commissioned 19 February 1919

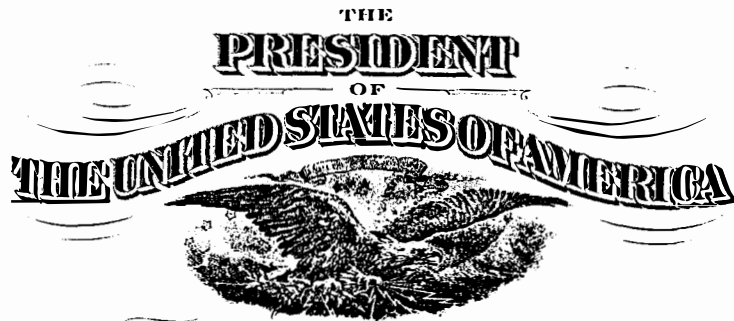
(ORC) 0-130 463

R. V. Lee
Major General, USA
The Adjutant General

DD FORM 303A
1 SEP 50

The Story of Eloptic Energy

AGO Form No. 850. R



To all who shall see these presents, greeting:
 Know Ye, that, placing special trust and confidence in the patriotism, valor, fidelity
 and abilities of Thomas Galen Hieronymus
 I do appoint him Second Lieutenant, Signal Corps

Officers Reserve Corps of the Army of the United States:

to rank as such from the first day of February
nineteen hundred and nineteen. He is therefore, carefully and diligently to
 discharge the duty of the office to which he is appointed, by doing and performing all
 manner of things thereunto belonging.

And, I do strictly charge and require all Officers and Soldiers under his command
 whom he shall be employed on active duty, to be obedient to his orders as an officer of his
 grade and position, and he is to serve and follow such orders and directions from time
 to time as he shall receive from me, or the future President of the United States of
 America, or the General or other Superior Officers set over him, according to the rules
 and discipline of War.

This Commission to continue in force during the pleasure of the President of the United
 States for the time being, and for a period of five years from date.

Given under my hand at the City of Washington, this twenty-fourth day of
March, in the year of our Lord one thousand nine hundred and nineteen
 and in the hundred and forty-third year of the Independence of the United States.

By the President:

The Adjutant General's Office.

Recorded: March 24, 1919.

0-130 463

Adjutant General.

The Assistant Secretary of War.

During the War . . .



To all who shall see these presents, greeting:
Know Ye, that in special trust and confidence in the patriotism, valor, fidelity
and abilities of Thomas Calen Hieronymus
I do appoint him First Lieutenant in the Signal Corps in

The Army of the United States

such appointment to date from the twenty-fourth day of July
nineteen hundred and twenty-nine. He is therefore carefully and diligently to
discharge the duty of the office to which he is appointed by doing and performing all
manner of things thereunto belonging.

He will continue on active duty under this commission only when specifically
ordered to such active duty by competent authority.
And he is strictly charged and required all Officers and Soldiers under his command
when he shall be employed on active duty to obey his orders as an officer of his
grade and position, and he is to observe and follow such orders and directions from time
to time as he shall receive from me, or the future President of the United States of
America, or the General or other Superior Officers set over him, according to the rules
and discipline of War.

This commission evidences an appointment in the Army of the United States under
the provisions of sections 37 and 38 National Defense Act as amended, and is to continue
in force for a period of five years from the date above specified, and during the pleas-
ure of the President of the United States for the time being.

Done at the City of Washington this first day of November
in the year of our Lord one thousand nine hundred and twenty-nine, and of the
Independence of the United States of America the one hundred and fifty-fourth.


By the President:


Adjutant General

0-130 463

W. D. A. G. O. FORM NO. 0650 C.
OCTOBER 1, 1924

The Story of Eloptic Energy

STATEMENT OF SERVICE (Creditable under Section 202(a) Career Compensation Act of 1949)				
LAST NAME - FIRST NAME - MIDDLE NAME			SERVICE NUMBER(S)	
Hieronymus, Thomas G.			O-130 463	
NATURE OF ACTION (For enlisted - enter "ENL" and component.) (For commissioned - enter grade and component.)	EFFECTIVE DATES (For officers - enter date of acceptance.) (Inclusive dates of military status are in parentheses.)	ACTIVE DUTY		SEPARATION (Indicate type and reason)
		FROM	TO	
2d Lt-ORC 2d Lt-ORC (Reapptd) 1st Lt-ORC 1st Lt-ORC (Reapptd)	Feb 19, 1919 (Feb 1, 1919 Feb 1, 1924 Aug 18, 1924 Jul 24, 1929 Jul 23, 1934)	None		Non-termination of appointment
TIME LOST (Inclusive dates)				
		FROM	TO	DAYS
		None		
TO: Mr. Thomas G. Hieronymus 1325 Orange Isle Ft. Lauderdale, Florida			DATE	
			February 20, 1961	
L			AUTHENTICATION	
			 R. V. LEE Major General, USA The Adjutant General	

DD FORM 1 JUL 59 13

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. AGCC-PG/ff

1924 – 1952

IV

1924 – 1952

The years of the 30's were, I thought then, the golden years!

Louise and I were married in 1924. Our son, Alan, was born in 1927, and our daughter, Janet Gale, in 1930.

Our house on Lake Lottawana, I had built by the expedient of spending all my spare time planning, selecting, and then cutting and numbering the cut lumber, so when I had a vacation, I put these numbered parts together (according to my house plans) on the site. It seemed to be a never-ending task, but finally we had a new house. I did most of the wiring and some of the plumbing. The well and tank presented a problem, at first glance, but with the help of a friend with whom I swapped work, it was finally accomplished. To Louise and me, it was a wonderful house and lot. We loved it and lived in it nine years.

Spring, summer and fall were delightful, but winter was a problem to me. Snow was frequent and deep. Since the highways were kept clear, it was no trouble to drive from work to the road which turned off the highway and led to the lake. But for that short interval of muddy, slick, full of potholes road, I was forced to stop at the service station and put chains on the back wheels of my car. I left the chains on the car all night. When I left to go to work in Kansas City each morning, I stopped at the service station on the corner again, and removed the chains.

Springtime had really arrived when this part of my daily program was no longer necessary.

During these years, I was 2nd Lieutenant Hieronymus of the Army Reserve and was commissioned 1st Lieutenant before I resigned in 1935. I continued my work with the Boy Scouts which I began as a tenderfoot in 1910. The scouting program is

The Story of Eloptic Energy

the greatest character building program for boys and girls I have ever discovered.

I worked as a Deputy Commissioner at first. After I completed my Eagle Scout work, I was busy organizing new scouting activities, which mainly consisted of setting up new scout patrols and troops.

Once I was invited to a PTA meeting at a local school to address the group on the subject of sponsoring a Boy Scout Troop.

The President was a buxom lady with an authoritative voice and manners. I sat in the back row and listened as the meeting proceeded under her chairmanship. It went on and on and on. Finally she paused and said "There's a man here who wants to talk about Boy Scouts. We can give him five minutes."

I stood up, took my hat in my hands, walked up to the front of the room, and looked at the Busy Biddy President and all the group of women, and said:

"I don't give a damn about any of you! I'm only interested in giving boys a helping hand with growing up to be good men living useful and helpful lives. If you decide that's what you want too, then get in touch with me!" I walked out of the room and went home.

The next evening when I returned home from work, Louise said: "Two men were here to see you this afternoon. They said they will return after dinner this evening. They didn't say what they wanted."

They did return. They were two school patrons whose wives had attended that PTA meeting. Their purpose in visiting me was to persuade me to run for a seat on the School Board. They felt there were problems in the School Board's handling of School business. They wanted a School Board member who wasn't afraid to say what he thought.

I finally agreed to run for election to the School Board in this way: they could enter my name as a candidate, but I would not campaign for the office.

Much to my surprise, I was elected. It seems that the candidates of both parties had been candidates before, and the voters chose a dark horse, (me) with a good reputation. So for three years, I served on the local School Board, and was elected chairman at the first meeting I attended.

One of the problems I encountered was the very high cost of fire insurance on the school building. I phoned a few of my friends who were in the insurance business, gave them the facts, "all brick and cement building, (eight class rooms, four offices, gymnasium, locker rooms, rest rooms, kitchen and dining room)," and asked them for bids on an annual fire insurance policy.

When I received these bids, every one of them were markedly lower than the cost of the policy we had.

1924 - 1952

It turned out that a brother-in-law of the school board member who had been a member of the board the longest had furnished fire insurance for many years, and the policy increased somewhat every year. I and two other members were the Finance Committee of the Board. We asked the Agency who had been supplying Fire Insurance for so long for a bid, and got a slightly higher price than the past year's bid. So we awarded the Fire Insurance purchase to the lowest bidder among the people who had submitted bids. I was told that the Senior Board Member, whom I had succeeded as Finance Committee Chairman, didn't like me!

In going over accounts for the past year, I had noticed a charge of \$50.00 every time the PTA met.

Upon inquiry, I was informed that \$50.00 was the regular charge for hauling chairs to the school gymnasium from a local church for the use of the PTA at each meeting.

I went out to the home of the man who hauled the chairs to the gym for the PTA meeting, and hauled them back to the church the next day. The man wasn't home, but I talked to his wife, saying I thought \$50.00 was a high price for such a short haul. She replied, "my husband only gets \$5.00 for hauling the chairs."

After some more inquiries on my part, I finally found out who got the other \$45.00 every time the PTA met and stopped that financial leak. I found numerous other little problems and solved them.

At the end of the three year term, I refused to run for election again. My scouting duties had enlarged, and took more time. My work at the Power Company carried much more responsibility.

I had been made Chief Engineer of the Underground Power Installation Department, and put in charge of eight engineers working in that Department. Kansas City, Missouri, was growing rapidly, but it was still a big country town. Large businesses moving to Kansas City were forced to build buildings suitable for their purposes, since no large buildings were available. The Kansas City Power and Light Company finished their new 32-story building and moved into it in 1930. My office was on the 16th floor.

The Depression of the 1930s did not affect our area of the country until two years after the East was fully in the grip of heavy financial woes. When F.D.R. closed the Banks, I had about \$200 in my account in the Bank. I was warned by an old friend as to what was going to happen, so I drew out all my money from the account the day before the banks were closed. I was lucky that I did not have an account in any of the banks that failed. Many of the young people I knew lost all the money they were saving for their college expenses, when one bank after another had failed.

The Story of Eloptic Energy

In 1931, I did my experiment in which I proved that sunlight could be conducted over wires into a dark basement, thus enabling green plants to grow in the dark. The control plants, not connected to the conducting device, were all white.

I had followed with interest Dr. Albert Abram's work, and had acquired some of his first instruments. I still have these. Stanley Rogers and I had built them into a carrying case which could be slung around his shoulders, while we carried on our mineral-finding experiment. This led to a most remarkable discovery: the fact that the energy of silver, gold, and other minerals does not emanate out of the earth at a 90° angle, but varies as to angle of emanation according to the moon cycle. We also made some findings as to procedures and methods by use of which the energy of minerals can be gathered and traced back to its source.

I had been building healing devices for doctors for many years, dating back to my early teens, when I "fixed" static devices which would not start for the anxious physicians who owned them. I had built a few inductance and resistance type treating units, first of all, out of my own intense curiosity and then for some doctors I knew. During the late 1930s, Dr. J. W. Wiggelsworth, D.C., of Chicago, the builder and seller of the famous "Pathoclast" decided to go into selling food supplements in a big way, so he sold the Pathoclasts and components he had on hand to Dr. Glen Wills. Dr. Wills acquired parts for over thirty-five Pathoclasts. He brought these to me, and asked me to put them together. I took on the job, which kept me busy for a while.

Louise had been busy with home and children, gardening, etc. She did not feel at all well, so visited one of our doctor friends for tests and a diagnosis. The verdict was "heart trouble" and her instructions were to "go to bed and stay there." She felt she could not obey these instructions, since she had a home, a husband, and two children to take care of. She became very despondent, which did not help her heart condition at all. One evening, while I was working on assembling Pathoclasts, she read the instructions for using the instrument. I set up one of the instruments on the table for her and she began experimenting with it. Inside a week, she had changed her attitude, and had used the Pathoclast to heal her heart problems. Then she began working on me, and the children, with great success.

We joined the Pathometric Society, a group of chiropractors and physicians, who used instruments to heal patients. We already were acquainted with many of these through my instrument building activities of the past.

About this time, we bought a home near the Country Club Development in Kansas City, Missouri, on 77th Terrace, and moved to town. We considered this move necessary, for we had one child already in school, and the other would start

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to school the next term. The winters were cold and snow was abundant. The school the children would both attend was located only a few blocks from our new house. We kept the house out at the lake and rented it for a while to help pay for the new house. I built a set of swings, slides, and other playground equipment for our backyard, so Louise was happy. Our children played in our own backyard, and so did all the neighbors' children.

It was on my birthday, November 21, 1941, while Dr. Grace Edwards, D.C., of Omaha, Nebraska, was visiting us, that I put together as an instrument, my ideas for an energy Analyzer. I had the hypothesis all worked out for some time, and had been assembling components with which to build the instrument. The Hypothesis on which my instrument was built is, "The energy of an element, directed through a prism, will refract out in the order of the contents of the nucleus of the Atom." The instrument I invented proved this hypothesis.

Then I built working models of the instrument, and retained Attorney C. Earl Hovey, an old friend, to apply for a patent. I built many of the instruments, those designed to be used as an analyzer (my Electric Biometer) and those designed to be used for chemical analysis.

Louise and I set to work to find wavelengths of conditions and energies, so we had a set of practical methods of using the instrument.

She had a natural gift of healing, and she concentrated her attention on working out methods by which the instrument could be effectively used.

At the same time, I was busy building a wall-computer for the Power Company. I spent some time at the Bell Telephone Laboratories and at the General Electric Laboratories before I started the work of building the computer. I finished it successfully. It was very helpful to the company.

About that time we acquired a new Vice President, who, by reason of having powerful friends among the new stock-holders of the Power Company, was almost tyrannical. I felt it was impossible to cope with the situations that arose in connection with the activities of this man, so I went to the President with my problems. I had begun work for the Power Company in 1919, worked five years as an Engineer, then was promoted to Chief Engineer of the Department of Underground Power Installation.

I worked in this job for nineteen years. When I insisted that I could not work with the new Vice President, I reminded the President that I had had no vacation for years, and I had accumulated vacation and sick leave time. We finally agreed that I could retire the next year, and that I was to have this year off with full pay in lieu of the vacation time due me that I had been too busy to take.

The Story of Eloptic Energy

This arrangement freed me to set up my "Radiation Laboratory" in Kansas City, and start producing instruments. I had to sell these instruments we built, so that meant that I went on regular trips all over the northern and western United States, calling on physicians and chiropractors, and selling my instruments.

Louise had been auditing courses at the Chiropractic college for several years, not with the idea of becoming a chiropractor, but to acquire the information we needed. She took time off and travelled with me. We bought a Spartan Manor House Trailer for our travels. The trips were very enjoyable.

We arranged with every physician and chiropractor who purchased an instrument to spend two weeks at our factory, learning how to use the instruments efficiently and successfully.

In 1950 two things happened that affected our Radiation Laboratory. During these years of slow business, doctors were no longer making as much money as they had been, so in order to sell instruments, I had to take part of the price in promissory notes signed by the purchasers. I had discounted these notes at a local bank where I had been a customer for many years. Now, due to some new Government regulations in the banking business, I could no longer discount these notes from doctors and chiropractors in other states. This slowed down my supply of cash, and made it difficult to continue building instruments for sale.

Another problem was increasing power of the AMA (American Medical Association). Pushed by the AMA, the FADA (Food and Drug Administration) was harassing physicians and chiropractors who used our instruments, or other instruments. A law was passed which stated that anything used to treat human beings was to be construed as medicine in a bottle, which gave the FADA control over that modality.

Not being minded to become a martyr, I sold the laboratory and equipment, and ceased to build instruments.

Our son Alan had married, and our daughter Janet Gale, and Charles W. Mullis were married in 1951. Louise and I closed up our home and spent six months out at Santa Barbara, California. We did some work with Stewart and Betty White, and occupied a cottage near the home of Hayward White.

We continued our research work and did some experiments leading to further knowledge of poisonous emanations of underground water streams, where it accumulated in underground caverns. We found cancer-causing emanations in distinct energy patterns above such underground water configurations.

Louise and I agreed that we did not wish to live in California. We returned home to Kansas City, and after a short stay, left on an extended trip to Florida. We drove

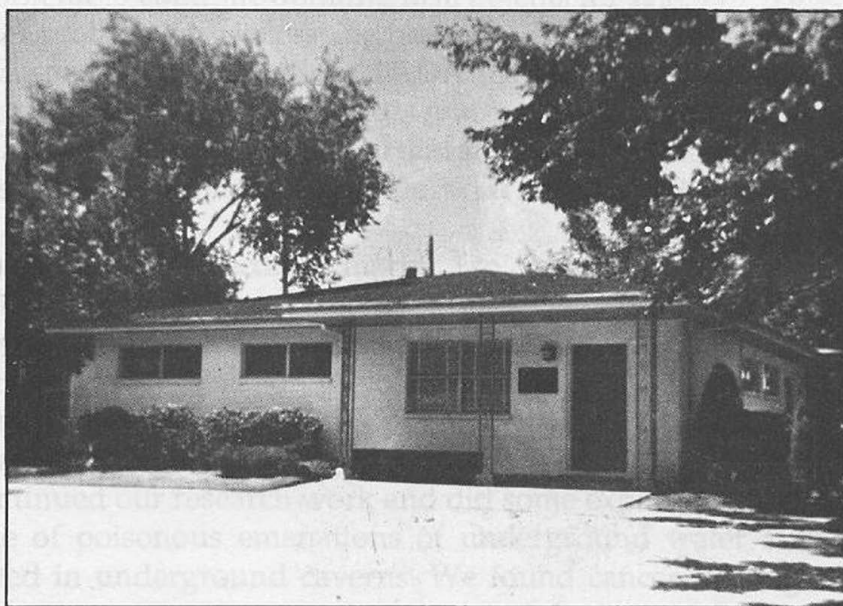
1924 - 1952

down the east coast to Hollywood, and stopped at the Hollywood Trailer Park. The beach was very nice and the ocean water was warm, so we enjoyed swimming. It was very different from the section of California we had visited. We were delighted with the idea of living there, so we went home, sold our home and our lake house, told our friends good-bye, and moved to Florida.

The Story of Eloptic Energy



Louise Hieronymus operating Eloptic Energy Analyzer in 1950.

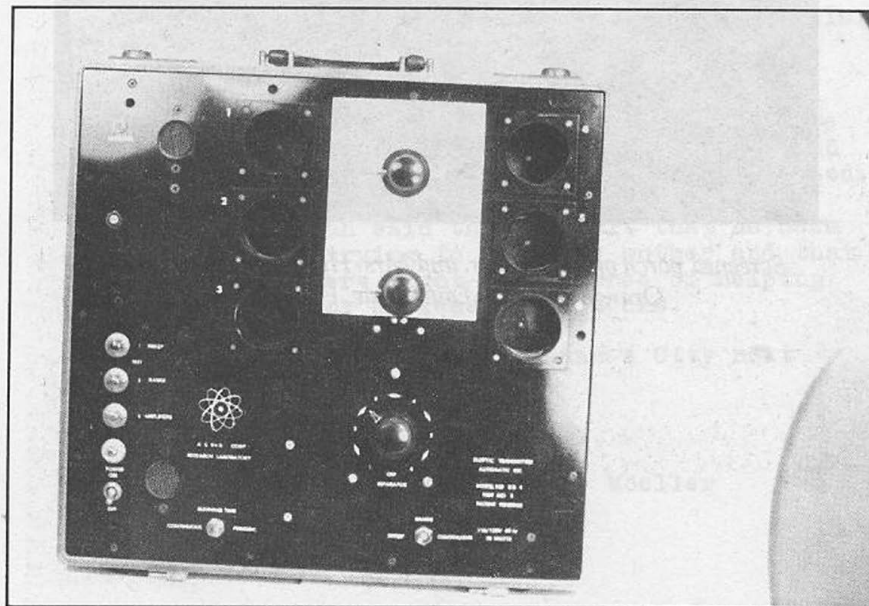


The Jensen Clinic, Ponca City, Oklahoma, Dr. Christine and Paul Jensen, D.C.'s, who used the Genuine Hieronymus Instruments for many years.

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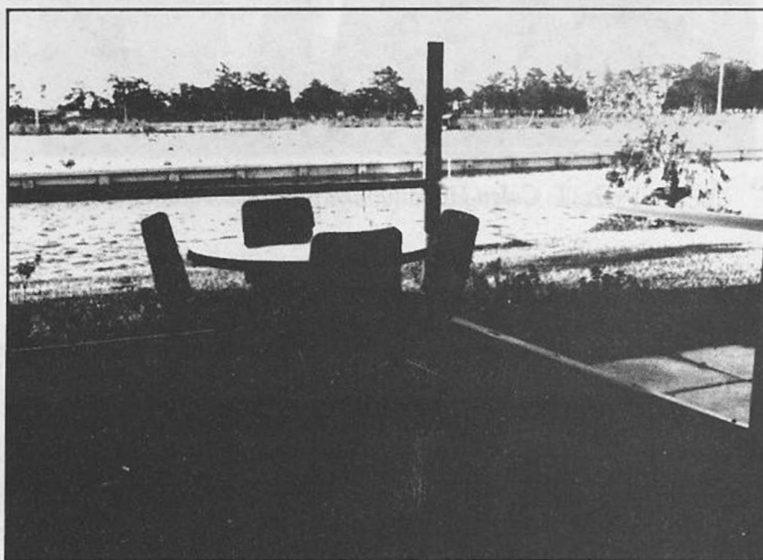


Dr. T. Galen Hieronymus, retired in 1955.



A six well treatment unit, with timer, built by Dr. T. Galen Hieronymus.

The Story of Eloptic Energy



Screened porch of home of Dr. and Mrs. Hieronymus, on canal at Orange Isle, Fort Lauderdale, FL, in 1957.

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March 15, 1947.

Osteopathic Clinical Research Center
3829 Troost Avenue,
Kansas City 3, Mo.

Dear Dr. Little:

Under separate cover I am mailing you
a specimen taken from a Mrs. Mary Urban of
Sylvan Grove, Kansas.

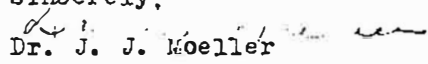
This lady is approximately seventy five
years of age. She recently underwent an exploratory
operation and it was determined that she has a
malignancy affecting the Omentum. This in turn is
producing an ascites. She is being tapped at regular
intervals.

Her son came to me for information and
possible help. I informed him that due to the late
stage of the condition, I felt that my methods and
equipment were inadequate and suggested your method.

Mr. Urban said that he felt that no harm
could be done in trying to help his mother and that
if you thought there might be a chance of helping
her, to proceed for at lease four weeks.

I plan to see you in Kansas City next
Wednesday the 19th.

Sincerely,


Dr. J. J. Moeller

The Story of Eloptic Energy

DR. J. J. MOELLER
CHIROPRACTOR
P.O. BOX 174
WILSON, KANSAS

March 27, 1947.

Osteopathic Clinical Research Center
3829 Troost,
Kansas City, Mo.

Dear Dr. Little:

Mrs. Urban has been at the Ellsworth Hospital the past three days having the fluid drained off. Her son was to see her yesterday and stated that he observed another startling effect. For a long time her skin has been colorless and pasty in appearance. Yesterday the skin on her face and extremities was turning a natural color and he could see the improvement in condition of her blood. This is good news.

Received a report from Mr. Kozisek from Denver, Colorado. This is what he says:

"My hand is healing nicely but maybe it is just waiting to break open somewhere else. I feel more rested than I have for a long time, for they make me stay in bed except for my meals. With my stomach on the edge (due to a course of Sulfu drugs) I don't eat enough, I don't believe, because although I feel pretty decent, I am losing some weight."

Mr. Kozisek requested that I send him some Vitamineral 1 plus and Vitamineral No. 12. I sent him those two numbers.

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Dear Dr. Little:

Just a few lines to report on the case of Mrs. Urban.

Mrs. Urban's Son was in the office this evening, and to say that he was "tickled pink", is stressing it mildly.

These are the words of the Surgeon who has been attending Mrs. Urban: "Something remarkable is happening. The malignancy has stopped growing."

Mr. Urban was so elated that he failed to bring the information regarding the date on which his mother was so restless.

Best Regards to you and Mrs. Hieronymus.

Sincerely,

Dr. J. J. Moeller

The Story of Eloptic Energy

DR. J. J. MOELLER

CHIROPRACTOR-PHYSIOTHERAPIST

Phone 174

WILSON, KANSAS

April 19, 1940.

Radiation Laboratories, Inc.
4209 Michigan,
Kansas City 4, Mo.

Dear Mr. Hieronymus:

I should have written before this but I have been pressed for time. There seems to be no time for anything else but work from early morning until night at this Bio business. There is so much coming in that I just can't keep up with it. Talk about results, the entire area around here is buzzing. The nice part about it all is that these old Chronicles are really snapping out of their troubles.

Sorry to have to report that those specimen racks you mailed were broken to "smithereens". The top part and connecting posts were intact, but the bottoms broken to pieces. If you do not care to cast any more of them, I can replace the bottoms with wood.

Perhaps this is a little too early but I would appreciate it when the time is opportune that you send me the names of a few of the down town Hotels so that I can make reservations for Aug. 27, 28, 29 & 30. My Wife and Daughter are going to accompany me to the Convention.

Sincerely,

J. J. Moeller
Dr. J. J. Moeller

1924 - 1952

OFFICE HOURS: 9:30-5:30
EVENING APPOINTMENTS
MON, WED. AND FRI.

OFFICE PHONE 5-7328
RESIDENCE PHONE 2-1234

THE SCHMIDT HEALTH CLINIC
DR. EDWARD D. SCHMIDT, DIRECTOR
(NATUROPATHIC PHYSICIAN)
1026 N. TOPERA

WICHITA, KANSAS

3-8-48

Dear Mrs. Hi:

How is "Kusby"? Mary & the gang? Did you get a new
Ian?

Our instruments are kept busy. My wife can't find
time to take care of all patients. We need another
instrument. I have not forgotten your promise
of selling your portable unit to me when you
get your new one. Please let me know about it.
Best wishes.

Very truly your friend & Wf
Edward & Ella

The Story of Eloptic Energy

CANCER - TUMORS - ENCEPHALITIS

Dr. J. J. M. writes on November 1, 1948 (Original letter is on file).

"Little did I realize what I was getting into when I purchased the ELECTRO BIOMETER. When business increases to the point that one has to turn applicants down, that is something. That has been my position this fall.

It is amazing to see the results one gets with the ELECTRO BIOMETER. Remember at the convention, when you asked the doctor from California what he could do about cancer or tumors and his answer was, "I don't know"? I know to my own satisfaction that the BIOMETER will do the job.

On June 29th of this year I undertook to treat a tumor in a lady 45 years of age. The tumor was located in the left breast. It was three inches in diameter and about an inch thick and had the consistency of wood. It also was becoming adhered to the surrounding structures. Definitely malignancy setting in.

I gave this lady thirty treatments on the BIOMETER over a period of four months. Last week I rechecked with the BIOMETER and palpation. There isn't a trace of the tumor left. The past three months she has been doing all her housework, and has felt very good. Before she came here she was hardly able to carry on.

She had been instructed by other doctors to have a radical operation performed and in lieu of that, radium or x-ray treatment. This she refused to do because she had lost several of her relatives following those procedures. Cancer is definitely a trait in her family.

Another severe illness the other professions have no way of diagnosing and treating is an encephalitis that is very prevalent throughout the country. The general symptoms are severe headaches; pains in the extremities, verigo, eye pains, very little fever, (once in a while a case has high fever 104° to 105°, in that case ice packs help very much). The head pressure and pains are severe.

This disease is strictly one of the nervous system. Evidently spreads like flu.

I have examined several patients who have gone through clinics at Colorado Springs, Colorado; Kansas City, Missouri; and the Mayo Clinic at Rochester, Minnesota. The verdict of those clinics is the same. They call it "multiple sclerosis" and a spastic neuritis. It is nothing but a virus infection of the nervous system and the results I get are conclusive proof of this. Usually in from five to seven days the patients recover completely. Best results are secured when the patient is treated twice daily until recovery.

NOTE: This doctor has no financial or other direct interest in this laboratory and the letter came to us voluntarily. T. G. H.

1924 - 1952

EXCERPTS FROM LETTERS ON FILE

Dr. J. J. M.

There seems to be no time for anything else but work from early morning till night at this Bio business. There is so much coming in that I just can't keep up with it. Talk about results, the entire area is buzzing. The nice part about it all is that these old Chronics are really snapping out of their troubles.

oo000oo

Dr. C. I. G.

I just want to tell you that I am very pleased with my new instruments.

oo000oo

Dr. T. A. R.

I had my instrument brought home so I could become better acquainted with it. I am experimenting, treating, analyzing and doing research work until about 3:30 in the morning.

The things that can be done with this instrument are just about unlimited. I am certainly well pleased with the instrument. In fact, my wife is beginning to think she is a widow.

oo000oo

Dr. A. L. L.

I want to tell you how wonderfully pleased I am with the both instruments working at the same time. (He has both types).

I find the rates on both machines make a very diversified way of checking.

oo000oo

Drs. C. & C.

We want to report that we are having fine results with the new instruments and like them better everyday.

oo000oo

Dr. E. C. R.

Have been looking for a letter from you and the third treating unit. I find so many of the infections and toxins have a much higher intensity than heretofore and cannot be neutralized on the old six dial treating units which I have. In fairness to the patients, I have them wait for the new instruments. Therefore, will you please rush that third treating unit.

oo000oo

The Story of Eloptic Energy

- 2 -

EXCERPTS FROM LETTERS ON FILE (CONT.)

Dr. P. A. G.

Just a few lines today, to say that I still "believe in miracles". What you did to me I don't know, but you know something of how I was Thursday eve and I know you treated me at the Lab. Got up at 6:00 A. M. and drove a distance of 500 miles and still felt fine. The last 40 miles was thru sleet, driven by a furious north wind. I have never driven so far and still felt so well -- not in the least tired. Well, thanks a lot, Mrs. Hi.

I find that your instrument is more sensitive than the Please build one for me and notify me when it will be finished.

oo000oo

Dr. W. R. C. A.

Thank you for the instrument. We are more than pleased with it. You have really improved it. The trouble with your instruments is that you make them so good that the patients won't ever go back to the old ones. I have four that are not in use anymore.

oo000oo

Dr. E. D. S.

Our instruments are kept busy. My nurse can't find time to take care of all patients. We need another instrument.

oo000oo

Dr. F. E. M.

We are very much pleased with this instrument. I am sure it is the finest and most up-to-date Radionic instrument on the market. We have had many cases that responded in a remarkably short time under treatment on this machine.

oo000oo

Dr. R. S. N.

I arrived home, to bed, asleep, by 10:00 P.M. -- solid comfort until about 2:40 A.M. when all HELL let out for recess in my midriff and set me to crowding time to the toilet, where a small improvised "atom bomb" detonated. Saved the results until the A.M. where upon a centrifugal water-bath revealed a couple of tablespoonsful of gall stones of various sizes (No. 4 peas downward) and quite a few colon calculi. Put the stones in a sliced onion and in about two hours they had dissolved and turned the onion black. The colon stones required HCL solution to dissolve them. So that is that, and if you remember the vibratory rate you used on me, then you MUST HAVE SOMETHING and I don't mean perhaps. Feeling GRAND today.

(NOTE: We had treated this doctor the day before while he was visiting our laboratory, and this is his letter that followed).

oo000oo

1924 - 1952

2482773

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Whereas Thomas G. Hieronymus,
of
Kansas City, Missouri,

PRESENTED TO THE **Commissioner of Patents** A PETITION PRAYING FOR
THE GRANT OF LETTERS PATENT FOR AN ALLEGED NEW AND USEFUL IMPROVEMENT IN
THE DETECTION OF EMANATIONS FROM MATERIALS AND MEASUREMENT
OF THE VOLUMES THEREOF,
A DESCRIPTION OF WHICH INVENTION IS CONTAINED IN THE SPECIFICATION OF WHICH
A COPY IS HEREBY ANNEXED AND MADE A PART HEREOF, AND COMPLIED WITH THE
VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED, AND

Whereas UPON DUE EXAMINATION MADE THE SAID CLAIMANT IS
ADJUDGED TO BE JUSTLY ENTITLED TO A PATENT UNDER THE LAW.

NOW THEREFORE THESE **Letters Patent** ARE TO GRANT UNTO THE SAID

Thomas G. Hieronymus, his heirs OR ASSIGNS
FOR THE TERM OF **SEVENTEEN YEARS** FROM THE DATE OF THIS GRANT

THE EXCLUSIVE RIGHT TO MAKE, USE AND VEND THE SAID INVENTION THROUGHOUT THE
UNITED STATES AND THE TERRITORIES THEREOF.

In testimony whereof I have hereunto set my
hand, and caused the seal of the Patent Office
to be affixed, at the City of Washington
this twenty-seventh day of September,
in the year of our Lord one thousand nine
hundred and forty-nine, and of the
Independence of the United States of America
the one hundred and seventy-fourth.

Attest:
J. Schimmel
Law Examiner.

Lawrence B. Kingsland

Patented Sept. 27, 1949

2,482,773

UNITED STATES PATENT OFFICE

2,482,773 *du*

DETECTION OF EMANATIONS FROM MATERIALS AND MEASUREMENT OF THE VOLUMES THEREOF

Thomas G. Hieronymus, Kansas City, Mo.

ation October 23, 1946, Savinton

PATENT SPECIFIC

Date of Application and filing Complete

No. 18866/49.
Complete Specification Published: 1950



Index at acceptance:—Classes 37, A19x; and 40(III), A5
COMPLETE SPECIFIC
from Material

Detection of Emanations from Material quantities of said M

I, THOMAS GALEN HIERONYMUS, of 417 East 70th Terrace, Kansas City, State of Missouri, United States of America, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

10 This invention relates to the art of detecting the presence of and measuring the quantity of any of the known electrochemical series of elements of two or more matter, or the combination of solid, fluid or gaseous forms at ordinary room temperatures or requiring special treatment or requiring observation.

The primary aim of the invention is the provision of apparatus for detecting the presence of any element or combination of elements that may be in the substance under observation and to determine the quantity thereof.

25 This invention has for a still further object to provide means for detecting the presence of and analyzing and measuring the quantity of elements under observation in the substance under analysis of the nature and analysis of the

THE CANADA PATENT OFFICE
PATENT No. 486,008
Detection of Emanations from
and Measurement of the
Thomas Galen Hirsch
Applications

PATENT No. 486,008
Detection of
and M

ISSUED AUG. 26, 1952
as from Material
Volumes

Patent No. 486,008
Detection of Emanations from Materials
and Measurement of the Volumes Thereof
Thomas Galen Hieronymus, Kansas City, Mo.
U.S.A.
Application July 11, 1949, Serial
13 Claims

13 Claims
 Application July 11, 1949, Serial No. 590,020
 U.S.A.
 Galen Hieronymus, Kansas City, Missouri, Inventor
 of detecting
 the intensity or
 electro-chemical
 or thermal

City, Missouri,
Serial No. 590,020

2

elements or combinations of two or more
of material matter may not only be carried
by electrical conductors and handled in a manner
similar to an ordinary electrical current, but it
may be affected by electrical capacity, inductance
and resistance. The radiations may induce
refracted, focused, diffracted or otherwise manip-
ulated in the same manner as the radiations manip-
ulated in the visible spectrum. Accordingly, the radiations pro-
duced by their instrument for handling one of its aims
in their presence, analyzing the nature of one or more
concluded.

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Other forming the values read from the analyzing the objects of the invention will appear during the accompanying drawings, wherein:

Fig. 1 is a schematic diagrammatical view illustrating an instrument for detection of emanations from materials and measuring the volume thereof, made in accordance with the present invention.

2 is an enlarged detailed fragmentary view illustrating a portion of the volume in Fig. 1.

3 is a fragmentary portion of the volume in connection with the present invention.

2. is an enlarged detailed fragmentary scheme illustrating a portion of the instrument view in Fig. 1.

... fragmentary elevational view of a
... the scale readings with the instrumen-
... 'ances; and
... diagrammatical view of
... radiation refracting
... part of the in-

1924 - 1952



WILBUR M. HOLLAND, D. C.

122 WEST MAIN STREET
COLLINSVILLE, ILLINOIS
OFFICE 2282
RES. 2848A

November 14, 1950

Radiation Laboratories, Inc.
4209 Michigan
Kansas City, Missouri

Hello again;

Well, today marks the second day of my association with the Anapathic unit, and I don't mind telling you that I've treated everything from the local alley-cat on down.

I have a number of questions to ask, but first I must tell you of something interesting. I have a case of interventricular septal defect, patient 18 mo. old. Child was having quite a bit of trouble yesterday, so they brought him up. I took a specimen, and had them wait outside while I took care of several other people. While they were waiting, I prepared the specimen and gave the baby two five minute treatments 'incognito', and had them bring the baby in. Have you ever seen a blue baby? When they brought him in he was as blue as I've seen yet; but after the treating, I wish you could have seen the change that took place, his color had changed to the nicest rosy-pink anyone could have desired.

The Story of Eloptic Energy

"ANAPATHIC"

FOR THE PATIENT:

GIVES DESIRED TREATMENT.

PLEASANT TO TAKE.

THEY LIKE IT.

FOR THE DOCTOR:

EXACT DIAGNOSIS NOT NECESSARY.

PRODUCES MORE INCOME.

SAVES TIME.

Based on the following observed phenomena:-

1. Each element and combination of elements of material matter emanates an energy called ELOPTIC, each at a frequency different from all others.
2. ELOPTIC emanations can be implanted and held in water and certain other carrier media.
3. ELOPTIC emanations from body tissues when returned to the body tend to increase the vitality of that tissue.
4. ELOPTIC emanations from disease or other element not normal to the body, when returned to the body, tend to decrease the vital potential of the disease.

These factors have been combined into an automatically operated instrument that takes in the ELOPTIC emanations from every type of tissue organ and part of the patient's body and from all foreign elements, bacteria, etc., that have invaded the patient's body, amplifies the ELOPTIC emanations and makes them ready to be returned to the patient's body to produce the desired therapeutic results.

Returning the energy back into the patient's body may be accomplished either by induction (using electrodes), by hypodermic, or by oral administration.

Covered by patent issued by the U. S. Patent Office and other patents applied for.

Until such time as this modality has received official approval from legally constituted authority the apparatus and methods utilized must be considered as entirely experimental and no claims are made for the apparatus or the expected results. It is intended that this modality supplement but not replace proven, accepted modalities.

RADIATION LABORATORIES, INC.
4209 Michigan Avenue
Kansas City 4, Missouri

1924 - 1952

ANAPATHIC INSTRUCTIONS FOR AUXILIARY MEDIA

To use an auxiliary media instead of the ANAPATHIC scanned media proceed as follows:-

1. Place patient's specimen in SPECIMEN WELL.
- 2.. Place auxiliary media also in SPECIMEN WELL.
- 3.. Have nothing in the ANAPATHIC WELL.
- 4.. Turn ANAPATHIC SWITCH to THERAPY position..
5. Place THERAPY ELECTRODE on patient.
6. Turn START SWITCH to the right and hold it for a moment while the SCAN LIGHT glows and the INDICATOR DIAL POINTER turns through three or four degrees.
7. DO NOT treat with more than one auxiliary media at a time. If it is desired to treat a patient with more than one auxiliary media, treat with one then remove that auxiliary media and replace with the second auxiliary media and give another five minute treatment..

If desired you may scan and give a straight ANAPATHIC treatment after the treatment with the auxiliary media, however, not more than three five minute treatments should be given a patient at one time. For example; treating with Colmetanese for five minutes then with Bile Salts for five minutes, then a scanned ANAPATHIC treatment for five minutes. If more than this is desired, it is better to spread the treatments several hours apart or give the additional treatments the next day.

The following auxiliary media have been found to be very effective:-

COLMETANESE - for Undulant Fever.

AUREOMYCIN - for Streptococcus and Meningococcus.

"M" SUBSTANCE - for Carcinoma and T.B.

BILE SALTS - for all Colon disturbances - Excess B.Coli, Gas, etc.

SODIUM THIOSULPHATE - for all metallic poisons such as, arsenic, lead, nickel, etc..

This information must be considered as experimental in nature until such time as it has been accepted by legally constituted authority, and should be followed only after you have given careful consideration to the many factors involved in each specific case. It is our intention to supplement rather than substitute for accepted and proven curatives.

RADIATION LABORATORIES, INC.
4209 Michigan Avenue
Kansas City, Missouri

TGH:vj
4-5-50

ELECTRO BIOMETER ANALYSIS CHART

Remarks:

108

1924 - 1952

BOY SCOUT SERVICE RECORD OF T. G. HIERONYMUS

- 0 -

Joined Troop 5 under S.M. Chas. A. Barrett, Sept. 6, 1910. Was made Patrol Leader and organized the Cobra Patrol.

Passed tests and became a tenderfoot, Nov. 10, 1910.

My patrol took the first overnight hike of the Kansas City Council.

Transferred to Troop 4, Wm. M. Rhodes, S.M. in the spring of 1911.

Attended the first summer camp of the K. C. Council in June 1911 at Dallas Park. While there I passed the tests and on June 22, 1911 became the first, second-class scout in Kansas City.

Passed tests and became first-class in the fall of 1911.

Demonstrated a portable field wireless at the first Scout Round Up December 30, 1912.

In May 1913 while operating my field wireless set, telegraphing to another scout with a field station, we were seen by members of the Signal Corps, National Guard of Missouri. As a result, I was induced to join the Signal Corps.

Was made Assistant Scoutmaster of Troop 4 in 1915 and held that position until 1920.

Went to Mexican Border with Signal Corps from June 1916 to January 15, 1917 as 1st Class Sgt. and Master Signal Electrician.

Left Kansas City for France, August 5, 1917 as Master Signal Electrician with 117th Field Signal Bn. 42nd Division.

Returned from France, June 1919 as 2nd Lieutenant.

Merit badge examiner in Wireless from 1919 until 1925.

Merit badge examiner in Electricity from 1923 to present time.

Commissioned District Commissioner in winter 1920 and acted as such until 1927.

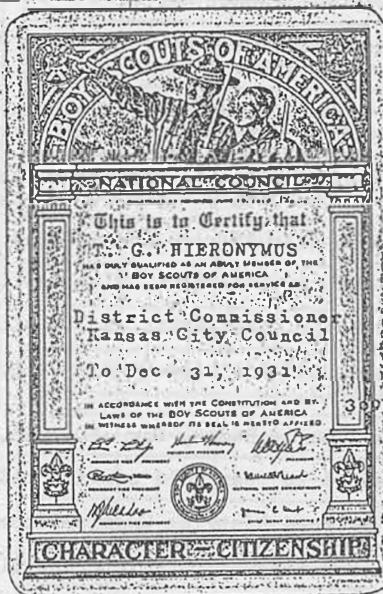
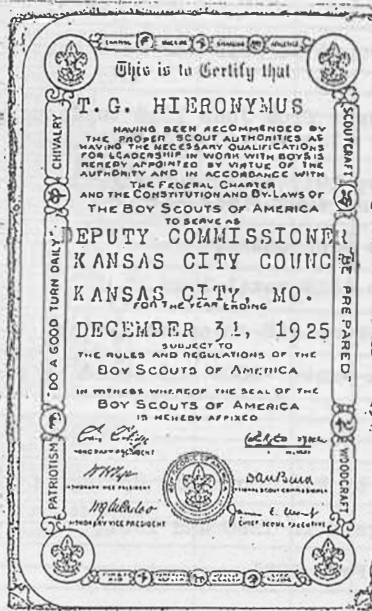
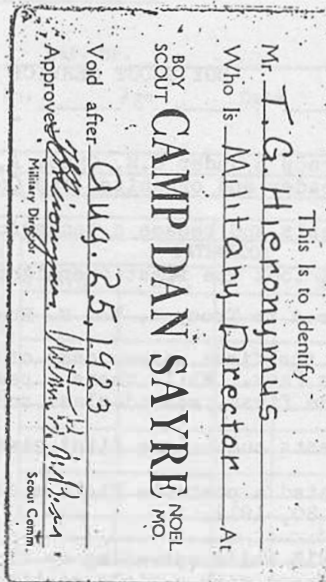
Awarded Eagle Badge, May 11, 1925.

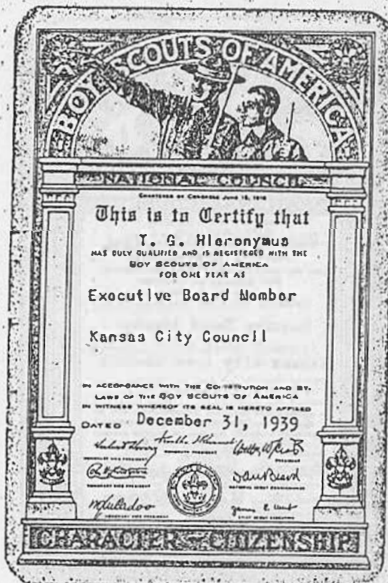
Presented 15 year gold service medal by K.C. Council, Spring of 1926.

Commissioned District Commissioner again in 1930 and 1931.

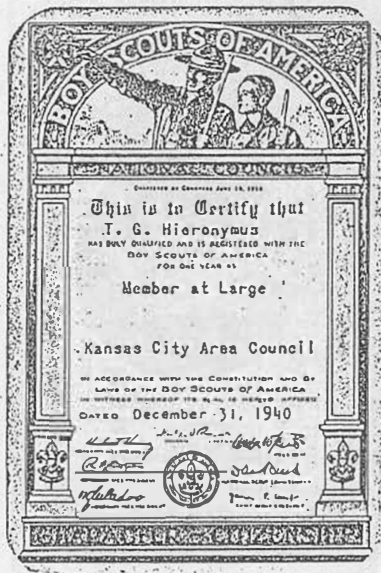
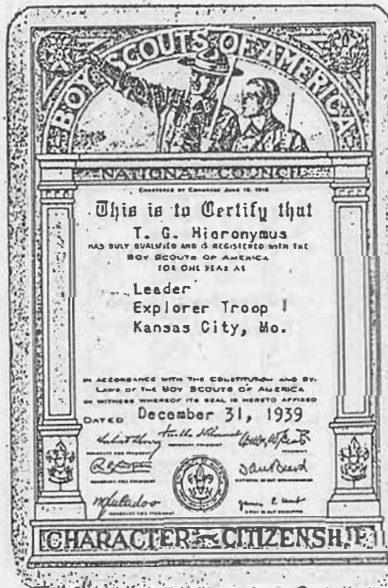
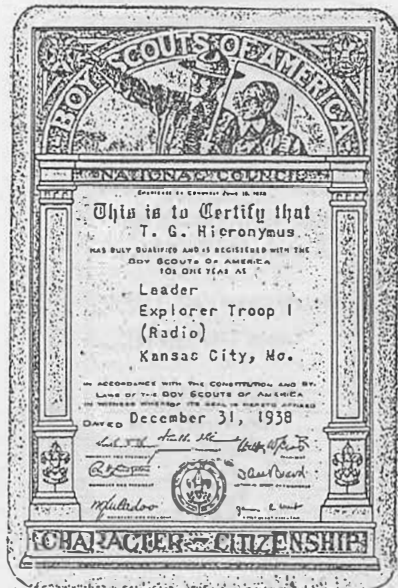
Presented with 20 year Veterans pin, Feb. 1931.

The Story of Eloptic Energy

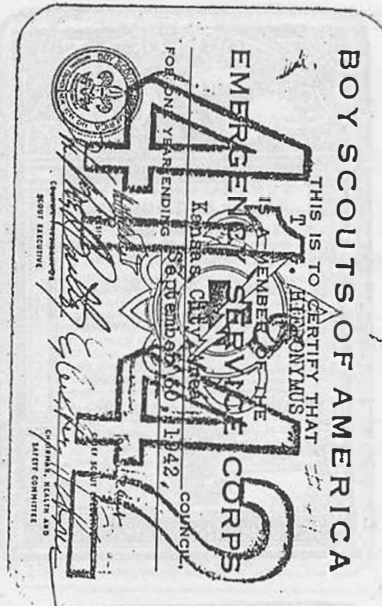




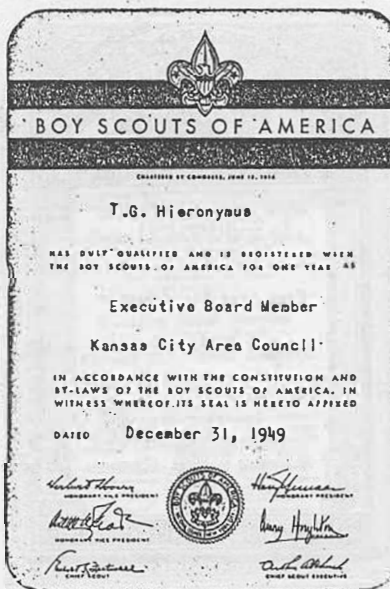
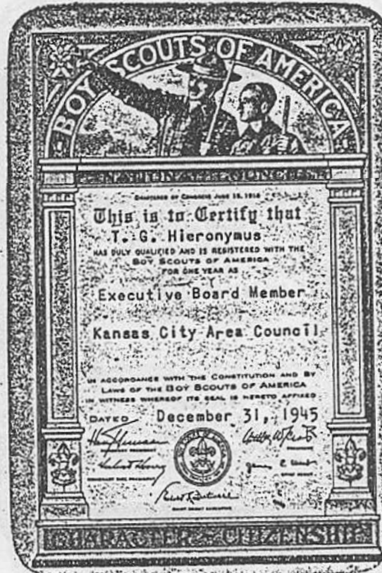
The Story of Eloptic Energy



1924 - 1952



The Story of Eloptic Energy



1924 - 1952

NATIONAL COUNCIL
BOY SCOUTS OF AMERICA
 CHARTERED BY CONGRESS
 JUNE 1916
 200 FIFTH AVE., NEW YORK CITY
 THIS IS TO CERTIFY THAT UPON RECOM-
 MENDATION OF THE LOCAL SCOUT AUTHORITIES
GALEN HIERONOMOUS
 IS REGISTERED AS A LIFE MEMBER OF THE
 VETERAN SCOUTS ASSOCIATION
 AND IS ENTITLED TO BE KNOWN AS A
 TEN YEAR VETERAN SCOUT
 AND TO WEAR THE OFFICIAL UNIFORM AND
 INSIGNIA OF THE BOY SCOUTS OF AMERICA
 ACCORDING TO HIS RANK SO LONG AS HE
 MAINTAINS HIS GOOD STANDING WITH THE
 UNDERSTANDING THAT AS A SCOUT HE WILL
 FAITHFULLY OBSERVE THE SCOUT OATH AND
 LAW AND EFFICIENTLY CARRY OUT THE
 SCOUT PROGRAM SO AS TO "BE PREPARED"
 TO MEET ANY EMERGENCY.

James E. Smith
 NATIONAL SCOUT COMMISSIONER

John E. Smith
 CHIEF SCOUT EXECUTIVE

1254
 NOT TRANSFERABLE
 COPYRIGHTED BY BOY SCOUTS OF AMERICA, 1916

NATIONAL COUNCIL
BOY SCOUTS OF AMERICA
 CHARTERED BY CONGRESS
 JUNE 1916
 200 FIFTH AVE., NEW YORK CITY
 THIS IS TO CERTIFY THAT UPON RECOM-
 MENDATION OF THE LOCAL SCOUT AUTHORITIES
T. G. HIERONYMUS
 IS REGISTERED AS A LIFE MEMBER OF THE
 VETERAN SCOUTS ASSOCIATION
 AND IS ENTITLED TO BE KNOWN AS
 A TWENTY YEAR VETERAN SCOUT **9/30**
 AND TO WEAR THE OFFICIAL UNIFORM AND
 INSIGNIA OF THE BOY SCOUTS OF AMERICA
 ACCORDING TO HIS RANK SO LONG AS HE
 MAINTAINS HIS GOOD STANDING WITH THE
 UNDERSTANDING THAT AS A SCOUT HE WILL
 FAITHFULLY OBSERVE THE SCOUT OATH AND
 LAW AND EFFICIENTLY CARRY OUT THE
 SCOUT PROGRAM SO AS TO "BE PREPARED"
 TO MEET ANY EMERGENCY.

James E. Smith
 NATIONAL SCOUT COMMISSIONER

John E. Smith
 CHIEF SCOUT EXECUTIVE

NOT TRANSFERABLE
 COPYRIGHTED BY BOY SCOUTS OF AMERICA, 1916

BOY SCOUTS OF AMERICA
 2 PARK AVENUE, NEW YORK, N. Y.

This is to certify that upon recommenda-
 tion of the local Scout authorities
T. G. Hieronymus
 is registered as a **25 Year Veteran**

James E. Smith
 NATIONAL SCOUT COMMISSIONER

John E. Smith
 CHIEF SCOUT EXECUTIVE

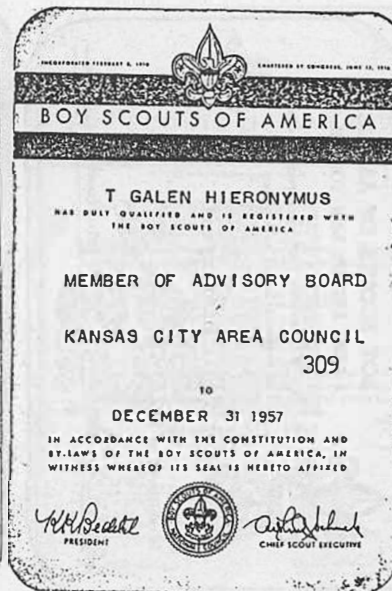
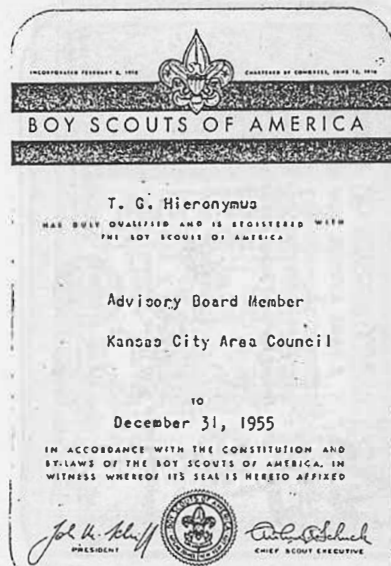
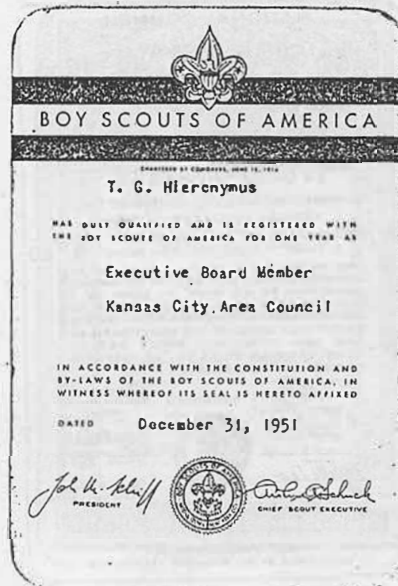
BOY SCOUTS OF AMERICA
 2 PARK AVENUE, NEW YORK, N. Y.

This is to certify that upon recommenda-
 tion of the local Scout authorities
T. G. Hieronymus
 is registered as a **30 Year Veteran**

James E. Smith
 NATIONAL SCOUT COMMISSIONER

John E. Smith
 CHIEF SCOUT EXECUTIVE

The Story of Eloptic Energy



1924 - 1952

BOY SCOUTS OF AMERICA

This is to certify that
T. G. HIERONYMUS
upon recommendation of the
local Scout authorities
is registered as a
50 year veteran.

9/65

Robert H. ...
HONORARY PRESIDENT

Robert W. ...
PRESIDENT

Alvin ...
CHIEF SCOUT EXECUTIVE



307

No. 28-702-10M474



The Story of Eloptic Energy



KNOW YE, BY ALL THESE PRESENCE, THAT:

T. G. Hieronymus

HAVING MET ALL OF THE REQUIREMENTS OF THE BOARD OF DIRECTORS OF THIS INSTITUTION, AND FURTHER AS THE RESULT OF THE RESEARCHES, FOR WHICH HE IS RESPONSIBLE, HE HAS CONTRIBUTED MUCH IN THE VERY SPECIALIZED FIELD OF "MEDICAL SCIENCE". KNOWN AS:

ATOMIC MEDICINE

AND SINCE HIS WORK AND CONTRIBUTIONS, CAN AID IN THE INCREASING OF THE ABILITY OF OUR DOCTORS, IN THE DIAGNOSIS AND TREATMENT OF THE ILLS THAT WE FIND IN THE PATIENTS WHO COME TO US FOR HELP, WE THEREFORE, IN ACCORDANCE WITH THE TERMS OF THE CHARTER UNDER WHICH WE OPERATE, DO HEREBY AWARD TO HIM, IN APPRECIATION, THE RANK AND TITLE OF:

Doctor Of Philosophy

BY ORDERS OF "THE BOARD OF DIRECTORS", WE AFFIX OUR HAND AND SEAL, THIS 4 DAY OF *Sept.* 1939.

J. W. Bechtold
PRESIDENT

ATTEST:

R. L. D.
SECRETARY



STATE OF MISSOURI

THE STATE BOARD OF REGISTRATION FOR ARCHITECTS
AND PROFESSIONAL ENGINEERS HEREWITH CERTIFIES

THAT

T. G. HIERONYMUS

IS DULY REGISTERED UNDER AN ACT TO DEFINE AND REGULATE
THE PRACTICE OF THE PROFESSIONS OF ARCHITECTURE AND
PROFESSIONAL ENGINEERING AND IS AUTHORIZED TO PRACTICE AS A

PROFESSIONAL ENGINEER

IN THE STATE OF MISSOURI WHILE THIS
CERTIFICATE REMAINS UNREVOKED OR UNEXPIRED

IN WITNESS WHEREOF WE HAVE AFFIXED
OUR HANDS AND THE SEAL OF THE BOARD

THIS 7th DAY OF NOVEMBER A. D. 1962

SERIAL NUMBER F-531

ATTEST

A. W. Archer

CHAIRMAN OF THE BOARD

Franklin Beard

CHAIRMAN OF THE PROFESSIONAL ENGINEERING DIVISION

Roy Breverille

SECRETARY-TREASURER



The Story of Eloptic Energy

The Electrochemical Society

FOUNDED APRIL 3, 1902: INCORPORATED 1930

This is to Certify that

Thomas G. Hieronymus

was elected to Membership in the Electrochemical Society, an Association formed to promote the Theory and Practice of Electrochemistry, Electro Metallurgy, Electrothermics, Electronics and Allied Subjects.

Witness our hand and Seal at New York, N.Y.

on the 20th day of November 1945.

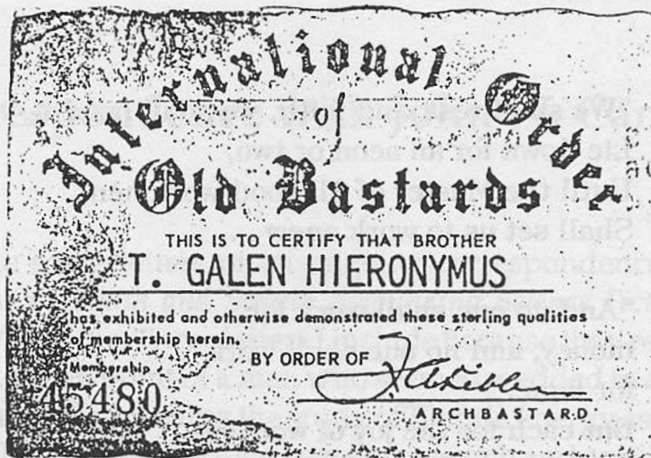
Date of Election

20th Oct. 1945



W. R. Seeger President
Colby Kim Secretary

1924 - 1952



I. O. O. B. Membership Requirements

1. AGE LIMITS: Approaching, at, or past 60 years.
2. DRINKING HABITS: Hearty!
3. All O.B.'s, when approaching Brother O.B.'s, must give vigorous handclasp and hearty slap on back (not 'too hearty, keep age in mind) and shout the greeting - "Hi, you Old Bastard!"
4. All O.B.'s solemnly promise as a condition of membership to send (post paid) holiday time greetings to the Archbastard.

SLUGAN: "ILLIGITIMUS NON CARBORUNDUM EST"

Home Office Address: I.O.O.B. Box 4066, Ft. Lauderdale, Florida
Branch Offices: Tokyo, Hong-Kong, Bangkok, Singapore, Brisbane
Auckland, Fiji, Tahiti, San Francisco, Toledo and Pelham, N.Y.

The Story of Eloptic Energy

"We shall rest, and faith, we shall need it,
Lie down for an aeon or two,
Until the Master of All good workmen,
Shall set us to work anew . . .

"And no one shall work for
money, and no one shall work
for fame.
But each for the joy of working,
And each in his separate star,
Shall paint all things as he sees them,
For the God of Things as they are."

By: Rudyard Kipling

V

Correspondence with John W. Campbell

I present here some letters of an ongoing correspondence between John W. Campbell, Editor of *Smith and Streets Astounding Science Fiction Magazine* (later known as *Analog*) and me. These letters I include because they represent, on the part of Mr. Campbell, a viewpoint of a man who seemed wedded to an opinion common to many people, that of regarding the study of Eloptic Energy as something magical or supernatural. He ignored the long years of research and application of the power of Eloptic Energy for healing the human body, and dwelt on the conducting powers of India Ink to create a replica of the schematic of my Eloptic Energy Biometer (Analyzer).

This interest led me to sharing a grant of cash from my friend Elliott Pratt, with the Ukaco group, and some soul-shaking discoveries I made in researching the proper methods of destroying insect pests. Here also, I built instruments according to some other peoples' ideas, instead of using what I knew of the natural laws governing the uses of Eloptic Energy, and learned further what cannot be used in building my instruments. There are instruments being built today by an almost totally ignorant young technician over in Arkansas (and sold by an almost equally ignorant entrepreneur in Ohio) for use in Agriculture. One of the touted features of these instruments contains that same mistake I made in building the same type instrument I made for the group I worked with during the late 1950s.

I appreciated Mr. Campbell's interest in my work, but over the years since then, I have concluded he set back the acceptance of my work at least a hundred years by his continual emphasis on what he termed the supernatural or "magic" aspects of a mind-control device he built by drawing the schematic of my patented instrument

The Story of Eloptic Energy

with India ink. The energy flowed over the lines of this drawing, because India ink is conducting, but it wasn't worth a tinker's damn for serious research or actual treating.

The letters I wrote to John W. Campbell and include here express my research results and instruments in use in a way in which they would be a benefit to humanity.

Correspondence with John W. Campbell

JOHN W. CAMPBELL, JR.

1457 Orchard Road

June 4, 1956

Mountainside, New Jersey

Dear Mr. Hieronymus:-

I imagine Col. Gross will have communicated with you concerning the meeting between us in New York last Thursday. I suspect it may be helpful if I write you some of the basic propositions---hypotheses---that I've worked out, and discussed with Col. Gross and Mr. Benjamin.

First, there are two aspects of the problem that must be considered: It's clearly evident that reliable demonstration of effect is necessary to win public acceptance---but, by this time, it's equally, if sadly, evident that that's not sufficient.

The demonstration must, evidently, not only be reliable and repeatable---it must also be an acceptable type of demonstration.

Evidence of many, many years of trying strongly indicates that no demonstration which operates at the level of living forces is or can be made acceptable.

It is also apparent that no demonstration that negates the privacy-protection concepts will be tolerable. It makes no difference how valid it is, or how clearly demonstrated it is---the very idea is psychologically anathema. Unbearable. Rejected because it's true, not despite it's truth.

If you can kill insect pests by working on a photograph, and at a distance of thousands of miles---if I accept that---it implies that you can kill me with such a machine, despite all I might do to hide, without my having any chance whatever of protecting myself, without my knowledge or opportunity to defend against the attack. The more you prove that you can kill living entities at a huge distance, without any understandable linkage that can be defended---the more you prove that I am helpless to protect myself. The more you make a man know that such forces exist---the less he can feel that he lives in a world of reasonable security, wherein he can, at least, have warning of attack, and prepare to meet it.

True, you're attacking only insects; you're helping human beings. But---the inherent implications are there, and cannot be denied. You cannot tell me how to defend myself against such an attack; if I acknowledge the reality of those forces---I acknowledge that I am helpless, and know of no defense.

In the Astounding Science Fiction article, I selected your machine among the many possible psionic machines available, because (1) it was patented, (2) the patent specified simply a mineral-analyser, and the life-affecting characteristics mentioned could be ignored, (3) it looks like an electronic-physical machine---it appears to make some sort of almost-sense at the purely physical-science level.

A man can learn only at the boundary of the known; your machine appears to be right on the boundary between pure-electronics and psionics. Therefore it appears as though this were a learnable-understandable device that can, with a little study, be comprehended with just a little extension of already-understood concepts.

The therapeutic and diagnostic aspects of the machine---the life-force aspects---could be totally ignored, and so physical scientists could attack the problem without stirring deep, and extremely powerful fears.

That machine of yours is almost pure Magic. In the old,

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real, and potent sense; it casts spells, imposes death-magic, and can be used for life-magic. It operates on the anciently known laws of Sympathetic Magic; it, like Voodoo dolls, applies the law that "The Symbol is the Object, and that which is done to the Symbol occurs also to the Object."

That's a law, too---a real one. The primitive human tribes all over the world, from Eskimos through Hawaiians, Africans, Incas, ancient Greeks and pre-history European tribes, all, independantly, developed and applied that same concept. If such completely independant, non-communicating peoples separately and independantly came to the same fundamental conclusions---it must be that the Laws of the Universe are, in fact, involved.

Magic is dangerous; it's a bred-in-the-bone fear that lies in every human being, because there have been generations, hundreds of generations, who lived with the threat of Magic hanging over them. Mankind finally combed the damned stuff out of the picture; now you and the other psionics investigators are bringing it back. But this time you're bringing it back with a new, and enormously more powerful technique; the scientific method of stabilizing and reinforcing ideas will be backing it, and making it so powerful that we'll never again be able to drive it out of our lives.

You're scaring hell out of the people who understand what you've got. You may be using it well---but release it, and what limits it? If a magician can destroy a man tracelessly---who is safe from threat, from ransom demand, from the vengeful hate of an unjust enemy?

You're scaring people---and they have reason for their fears, while you can name no limits to this powerful technique!

When I began working with the machine, I learned that it didn't need a power supply. Then I learned that it wouldn't work if a tube was missing or defective. I saw some of the other psionic machines, and saw that they worked, despite the fact that their wiring system made absolutely no logical sense. From that, I derived a new concept, a theory, and made a crucial experiment.

I have a model of your analytical machine, simplified and streamlined to the ultimate. It consists solely of the circuit diagram. I have a symbol of a prism, not a real prism, mounted on a National Velvet Vernier dial; that, and a small copper loop, alone appear on the front surface of the panel. Back of the panel, the circuit diagram is drawn in India ink on standard drafting paper; the prism-symbol rotates in its appropriate place in the circuit diagram. The spiral coil is drawn in India Ink on paper glued to the back of the panel; it is connected with the symbolized vacuum tube plate through a condenser-symbol by means of a nylon thread; the other end of the coil-drawing is connected to the symbolized vacuum tube cathode by a second nylon thread from my wife's sewing kit.

The machine works beautifully; the consistency of performance is excellent.

We're working with Magic---and Magic doesn't depend on matter, but on form---on pattern rather than substance.

Your electronic circuit represents a pattern of relationships; that is important. The electrical characteristics are utterly unimportant, and can be dropped out completely. The machine fails when a tube burns out because that alters the pattern; it works when there is no power, because the relationship of patterns is intact. My symbolic diagram works because the pattern is present.

Don't neglect the help that 10,000 years of history, and a million million experiments of Man can give us. The Magicians weren't the silly fools our culture says they were; they had something, but

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3. something inexpressible in terms of logic, with the result that our logic-oriented language can't handle the ideas, and can't transmit the understandings to us. It can only tell us of the actions, not of the understandings.

The Magicians placed immense value on symbols, and on Charms-- which, if you recall, were frequently symbols inscribed on something.

They weren't kidding, my friend; my symbol-machine works just as well as my object-machine!

One of the major failures that the psionics researchers have run into is that they get turned down cold by scientists, every time. I can guarantee that you'll continue to be turned down that way....so long as you try to make a scientist believe your device is scientific. It isn't; it couldn't possibly do what you claim if it were. No vibration could have the cockeyed properties that are evidenced by the machines; it's plain anti-logical to pretend they do, and any honest scientist will, inevitably and perfectly properly, call you an out and out liar if you tell him that such vibrations exist. They don't, and they couldn't. It's as anti-logical as saying that you have a square-sided cylinder that has a round cross-section. Or that you've trisected the angle by the old Greek rules of geometrical construction. That's logically impossible; it absolutely, proveably can not be done by the Greek geometry rules.

Sure you can trisect an angle! But NOT within the rules of Greek geometrical construction. The method is incompetent to the task.

No physical-science method can produce the results you produce. Therefore claiming that you have a scientific device which does it simply tells the scientist that you're a liar, a nut, or haven't the foggiest notion of what science is. He'll decide you're a mixture of all three.

My approach in the ASF article was to say outright that this is not a scientific machine. Once I made that statement, the readers were immediately barred from telling me, "Look, that thing is completely unscientific!" because the answer was, of course, "Then you agree with me in full, don't you."

My claims were (1) that it was not a scientific device, (2) that the eloptic radiation theory was inadequate, mistaken, or seriously incomplete, and (3) the machine did something. Having denied all explanation, and denied that I knew of any explanation---the reader was completely unable to argue with me. He was forced to argue with the machine itself---which, of course, can't be done.

The Scientist is then caught in a trap; he insists that science can explain any real phenomenon. If you demonstrate a real phenomenon---an action-level objective effect---and deny that it is scientific, he is now forced to prove you're a liar, to prove that it is so scientific! (He can't, of course, because it isn't---but he'll be forced to study the damned thing, much to his own annoyance.)

If you can put a man in the spot of trying to make you accept his idea, instead of trying to make him accept yours, he'll have to think about the problem. So long as you're trying to make him accept your idea, he's busy thinking about ways of defending against your idea-attack, not about the problem.

My article was so cast that I didn't offer any ideas at all about the machine, and denied that any idea available was valid. I just offered the machine and a fact; it did something somehow. I denied my own ideas, your ideas, and Science's ideas.

The result, as far as I can make out so far, is that several hundred readers scattered around the world are starting out to build a copy, and prove that they're smarter than we are; they can explain it. A lot of people are going to learn a lot doing that,

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obviously---and a lot of people are going to be more nearly in a position to accept some of the subsequent data that I'll hand along.

People say they want to be given answers; this is 180° out of phase with the truth. They want to know the answers---and that means they want to have achieved the answers themselves. If you demand credit for having found the answer, they'll fight you tooth and nail, because that makes it impossible for them to have found the answer. They'll feel that you're imposing the answer on them, and resist like hell.

Through some 25 years of trying, and failing most of the time, I've had it knocked into me that trying to get someone to consider something he considers impossible is a tough racket. My business for a quarter-century has been trying to make people consider ideas that they were sure were impossible. After you've butted your head against the stone-wall of traditional-mindedness that long, you get some idea of what the barrier is like. I've tried to stir interest in rocket engines, atomic energy, a lot of things---and had all my friends, neighbors, family and associates tell me I was nuts.

Gradually, I've learned some of the things you can and cannot do. First of all, you must convince them that you haven't got anything really new; that puts it on the border of the known, and you can get them to consider it. Then you explain it a little bit at a time, till, before they quite know how it happened, they've gone so far out into the pure unknown that they can't very well back out.

They've got to get some benefit at each little step; the fact of benefit then makes it very difficult for them to give up the little advance. Presently the accumulated benefits have mounted to a point where they're thoroughly stuck with going on in the new direction.

If they can see a great danger ahead, however, they will NOT consider the small benefit worth the danger.

In those terms, our problem with Magic (which we call psionics) so the great dangers won't be so obvious at the start) is to devise something which fulfills the following requirements:-

1. It must be immediately useful in a way they want to use it.
2. It must not appear to be really new---not importantly different, and must not appear to imply any great changes.
3. It must be so simple that making it can be a routine, moron-operated action. No intellectual consideration required, no engineering talent needed.
4. It must be something a business man---who doesn't give a damn about why's so long as how can make money---can apply directly, personally, and without the help of a technician.
5. It must achieve something that is badly needed and can't be achieved scientifically, or can't be achieved economically.
6. It must not require any research whatever before it can be used commercially.
7. It must not hint at the violation of privacy-concepts or life-force problems so that it will not call up the old, deep fears.

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Your plant-freating techniques fulfill all but #7---but violation of that one blocks you cold. The violation of privacy-concepts is inherent in the proposition of action-~~which~~ which is not defeated by distance, or solid barriers. If you can do at a distance through barriers---it is implicit that you could observe at a distance through barriers. Clairvoyance means the end of personal privacy. The fact is implicit in the action-~~at-a-distance-without-mechanism-at-the-other-end~~. It's frightening.

I suggest that the ideal answer to the problem of the device that can introduce nsionics is a communication unit. It should appear to be double-ended, like a radio transmitter-reciever system. If that apperance could be made extremely strong, it would be of enormous advantage---both psychologically, and in real fact.

Example of what I mean: Suppose we have a key-object built into unit A and a keyed-symbol part of Unit B. Then Unit B would react to unit A, but only to Unit A. This would give us an absolutely private communication channel unimpeded by distance or barriers. It would make the pocket telephone device possible, and would make a communication system absolutely unlimited by frequency-spectrum crowding that exists now. It would hyper-emphasize privacy---instead of raising the ancient fear of privacy-violation!

Such a communication device, set up as a "printed-circuit" communicator, could be put into pduction without requireing any scientist-technician's assistance. It would not interfere with any legal requirements, would not be practicing medicine without a license, wouldn't depend on any technician's acceptance---any business man could see its advantages!---etc.

When networks of communicators were wanted, an indefinite number of photographic prints of the key-object could be used as the kye-symbols in the recievers---and destruction of the negative of the prints would always make possible cutting off of any network that was no longer wanted!

A semi-annual rental basis could be set up by useing that fact, you can see.

Incidentally, my hypothesis on how these devices works involves the proposition that we are working with relationship as such---relationship as an entity in itself. A photographic negtaive is related to the object photographed; the print is related to the negative. Therefore the print is related to the object. But if the negative is destroyed, the print is no longer linked to the object, and becomes ineffective.

Logic---on which all scientific thinking is based---is a linear phenomonon; you develop a line of argument by going from point to point.

A television reciever is a typical logical device; at no moment is there ever a picture on the screen --there's only a point of argument following a complexly folded line of argument! It's the integrative power of the human system that sees a picture!

Scientific instruments are all point-determining devices; a meter is read by determining the intersection of two lines---the line of the needle's axis, and the arc of the meter-scale. An oscilloscope presents a point moving on a curved line.

The photographic film is the only area-device admitted by science---and they use that only by reading off coordinates, and reducing the area to line-expressions! A spectrum, for example, is a pattern phenomonon---but it is used in science only by reducing it to a sequence of numbers.

Einstein's relativity is not a description of the Universe-as-it-is, but a precise description of how the Universe will appear to

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and observer having only one eye, and afflicted with such acute tunnel vision he can see only one point at a time. Naturally, to such an observer, there can be no patterns; he sees the way a television set does---one point at a time, swept along a complexly folded line. Simultaneity cannot exist for such an observer---so Relativity denies simultaneity.

The result is that Relativity, and all of modern science, is what I call a view-reality. The Great Dipper is a constellation; it can be photographed, the angles between the stars measured, etc. That that pattern of stars exists in the heavens is certainly proveable....provided, and only provided, you look from the position of the Solar System. If you lived on a planet of Deneb, for example, you would not see the Great Dipper; the different angle of view would show an entirely different pattern.

Then...is the Great Dipper real?

Yes---as a view-reality. But the absolute, three-dimensional reality is something decidedly different!

Science represents a perfectly valid view-reality of the Universe; Relativity is a precise formulation of what can be seen from that viewpoint. But it is not a description of what-exists; it's a description of what-will-appear-to-exist! And that is, actually, exactly what Einstein said he was describing.

In psionics, we're using a different method of observing. Suppose you have a man using the old pre-WWII listening devices to follow a plane flying by overhead at night. If the plane flew past at twice the speed of sound, what the sound-listener would report would sound slightly insane; he'd be getting the sound-waves from two different directions simultaneously at one part of its trip!

What a radar observer reported would be totally different; his different method of observation would lead to a totally different picture of the pattern of movement of the plane.

Both reports would be perfectly accurate and perfectly factual---but different view-realities.

Psionics gives us a different view-reality of the absolute reality of the Universe. Naturally, its reports don't agree with the reports of science any better than you'd expect a sound-listener's report to jibe with a radar-observer's report of a supersonic plane!

We're observing patterns---using eyes that don't have that pin-point tunnel-vision---instead of points.

In psionics, where patterns are important, the object isn't important. A letter A is a letter A, whether it's ink on paper, or concrete and steel 60 feet tall. It's an A, even when it's scrawled by a 6-year-old. Even, it's an A when it's shaped that way, or when it's shaped like this: a. Psionics involves totally different realities and levels of reality; it works on analogical relationships far more than on logical relationships. But analogy isn't allowable as means of reasoning in logic---and therefore is not admissible in science! That means that psionics, based as it is on analogical relationships (the picture is analogous to the tree) is non-logical.

But there's a difference between something that is non-logical, and something that is anti-logical---and the difference isn't acknowledged in normal thinking. If a thing is not logical, then it is considered illogical. But this equates the non-logical nature of "2 and 2 are 5" with "a photograph is equivalent to the object". (The latter is accented only with reference to a purely symbolic-content object, such as a photograph of a document.) One is anti-logical; the other statement is analogically valid.

In developing a communication device, we need to achieve

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two things: a means of converting---transducing---imposing modulation
---physical-action such as pushing a transmitter key or vibrating
a microphone diaphragm into a psionic variation, and a means of
converting that psionic variation back into physical-action at
the receiver end.

Psionics evidently do not involve energy; we work with
meanings rather than with information. Therefore no energy---no power-
supply---is needed for your machine. And no energy would be involved
in the transmitter-receiver device at the psionic level. But
energy will be needed to produce the physical-action of a vibrating
loud-speaker cone, or the like.

The unsolved problem is how can psionic forces be made to
modulate physical-action energies without the intervention of a
living organism?

I have some half-backed, highly skeletonized theory on the
subject. It's not resolved enough yet to allow me to put it into
words, and I don't have anywhere near enough data on the subject
of psionic effects.

Until Col. Gross told us of your discoveries, I didn't know
that destruction of the negative blocked action from the print;
I'd hypothesized a system that would account for that, but had no
data to that effect.

I can't proceed from where I am without a damn sight more
data on psionic machines.

I don't know the exact set-up of your diagnostic machine.
I don't know the set-up of the plant-treatment machines.

I don't know the experiments you've made.

I don't need exact specifications of coil-shape, etc; I know
damn well that the object isn't important---the India Ink machine
shows that. But I do need to know the order of effects, the things
that did and didn't work, etc. And the things that did NOT work are
just as important as the things that DID in revealing the pattern;
light short-circuits the effects in your machines because it
establishes an all-over, every-which-way relationship by multiple
reflection. It makes everything inside the machine related to everything
else. Operation is possible only when channeled relationships---
not merely yes but also no---exist.

I need to understand the pattern of developments. The pattern
of the various machines.

And I'd like to suggest you try some of the India Ink-and paper
machines; it's a hell-of-a-damn-sight easier and quicker to try a
new pattern of relationships with pen and paper than it is to build
a machine out of wood, plastic and metal. It's also possible to
try "vacuum tube design" types that aren't possible because RCA doesn't
make what you want. And you can try using devices that don't
exist at the objective level, or that exist only in exceedingly
rare and expensive units. You can "build" your unit all of silver,
gold, platinum, and use diamond crystal pilot lights; India Ink on
paper is always what you specify it is. The opaque non-conductor
in which the slit is made is, in my symbolic machine, India Ink on
paper. So are the copper wires. So is the glass envelope of the tube,
the electron-emitting cathode, the grids, and the inductance coil.
In a symbolic system, it is what I say it is---by definition.

Don't blow your stack on that; try it. You can speed up,
and immensely cheapen your research by drawing your proposed circuit
system with soft pencil; erasing the line will annihilate the relationship,
and you can draw a different one. Those 9000's are expensive little
bastards; ink on paper works as well, and is a damn sight cheaper.

But it calls for neat workmanship, of course; a blot establishes

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a relationship, whether you want it or not.

On the other hand, some tolerances exist that are damned handy. And just think; a symbol-tube never burns out, ages, or gets broken! Dropping the symbol-circuit on the floor doesn't break a thing, and there's none of the damn- nuisance business of disassembling the failure to salvage the components.

Don't neglect the old tales of Magic; the boys were no dumber than we are, and they worked on the problem for thousands of years. I understand you've found that putting something in an iron or steel cabinet breaks the relationship. Interesting! The old magicians, ages ago, held that iron broke magic; the test for "fairy gold" was to drop it on an anvil---the iron broke the spell. The old boys were dolts, fools, and nuts, maybe? Hah!

I have a slight suspicion you may have some peculiar results with silver, too. That's reported, in all the magic tales, to have special characteristics.

Item: In nuclear physics, iron represents the absolute minimum in the curve of free binding energies; hydrogen fuses to release the energy of the H-bomb; uranium fissions---and each is headed for iron, the most stable of all configurations.

Next to iron in stability is---silver.

Iron is enormously magnetic; magnetic fields are the only non-material reality that science acknowledges today. (To be exact, magnetic, electric, and gravitic fields are.)

So the old magicians were nuts, huh?

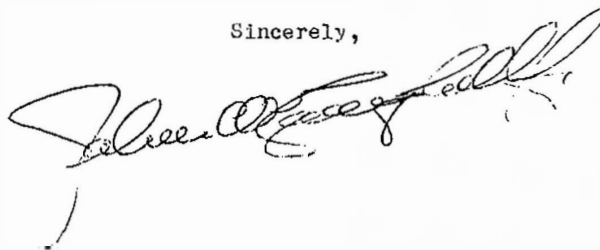
And there is no such thing as the Death Magic? Or curing-at-a-distance?

There's no reason why we should try to do it all ourselves---when there are so many helpful, if poorly communicated, records around!

Ever notice that "Beauty and The Beast" is a beautiful clinical description of a homicidal paranoid, with prescription of treatment and prognosis of cure? The Beast killed anyone who came near him; he hated and feared everyone...until Beauty came along. By standing by him, accepting fully and lovingly, not questioning or denying him, but loving him exactly as he was for a year and a day, he turned into a prince of a fellow. A man who's been down to hell, and come back---who's been through the hell of fearing and hating everyone, and is brought back to sanity---is going to be a far more understanding, wise, and gentle man than one who's never been there.

Our ancestors weren't fools---but we have been, in denying their wisdom without investigation!

Sincerely,



Correspondence with John W. Campbell

June 14th, 1956
1024 N. 31st Road.
Hollywood, Florida

Dear Mr. Campbell:

Your most interesting (what an understatement) letter arrived and after reading it twice, I shall attempt to reply, without attempting to answer all the many ideas expressed. This would be impossible in one letter. You have opened up the door to so many aspects of the universe, people's behavior patterns, so called scientific approach etc., that it would take a book to cover the subjects involved.

First, when we wrote the patent specifications, my patent atty. who is one of the country's best, thought it would be a good idea to include some sort of explanation that would be accepted by the uninitiated. Also, that was written before the application was first made in 1944. Since then, we have learned a lot about the behavior of what I chose to call Eloptic Energy. Please do not hold me to those original explanations.

I was quite surprised to learn that you had written anything on the subject. When I was first told about it, the teller said, "You are not going to like what the article says about your device". On the contrary, I think the article was so well written that I am still amazed every time I re read it. I like the forceful way you put things. There is no quibbling with words.

The Ostrich is supposed to bury his head in the sand and thus insulate himself from the passing world and all the unpleasant things involved. If we could do that, then we could become scientific and say, "If it does not conform to our accepted rules and tests, it cannot be and we want nothing to do with it." This would put an end to the matter. This situation is not quite so simple to settle as that.

Lets face one fact right now. I don't like to even put this in writing, but you have already done so in part and I might as well finish the job. We can kill insects at a great distance. We have done it repeatedly. Some have been worms the size of your finger and several inches long. We have made mistakes in technique of operation or in handling situations or have had apparatus work backwards from what we expected with the result that we have been really scared by the results obtained. There is terrific power in the Eloptic Energy. It can be generated, it can be directed to a pinpointed objective halfway around the globe. What we can do, others can do.

If we allow ourselves to be shoved aside because some so called scientist says he doesn't believe it, and we do not do all we can to learn all we can about the behavior, what can be done, what can be done to prevent it etc., then we may some day awaken

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to find that another power on the globe where they are not tied down by so called scientific tradition, where scientists do what they are told to do whether they like it or not, another power may direct such unscientific forces against us and our scientists who said, "It can't be done," will be helpless to protect us or themselves.

I have tried to get our government to try the idea out but I got the same old run around. I have a letter from the Department of Defense signed by Donald Quarrels that you will appreciate. Will show it to you some day.

There is some way to meet the opposition to the actuality of the results we can obtain. I do not care whether we have the answer to how or why it works. I do not believe we need to please the scientific, down in the groove, in order to get this to the American people. I believe there is someone who has the public interest and in whom the public has confidence, who can be found who can get to the public who don't give a damn whether it is scientific or not.

I don't know who this person is or where he is, but I firmly believe he is somewhere in the offing, just waiting to learn about this and he will carry the ball from there.

It is all right for you to say that the world is afraid of Magic. I do not agree with your entire premise. People are afraid of the unknown or what they do not understand. The cave man was afraid of lightning. We have harnessed it and put it to work. The rank and file still know about as much about electricity as the caveman. What do we know about it? We know a lot about controlling it and using it. That is enough for most people. The evidence seems to indicate that it acts sometimes as a flow of tiny particles which we call electrons. What is it that goes from one place to another when we send a "radio signal"? Certainly the books give a fine explanation. We can manipulate the energy but what is it?

What is a thought? Are we to stop using the darned things (thoughts) just because we have no scientific provable, measurable yard stick with which to measure them? What is heat? Yes, I have read the text books and know most of the explanations by heart.

Explorers took movies into the jungles and had their entire audience run like mad into the dark woods to get away from the devil magic of the white man. Cousins, only a few times removed from those natives are quite respected citizens of the community here, today. They go to the movies. Why don't they run away like their native cousins? Education and familiarity, that is the answer.

Yes, fear of the unknown, is the only real fear we have to fear. The fact that a force or device or machine can kill, bothers most people. Everyone knows that the "A" bomb is lethal and very highly destructive if used against us. We also know that the

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submarine and the many power plants being built all use the same energy, but in a, shall we say, more peaceful manner.

Everything man has devised for warlike purposes has eventually been directed to peacetime uses that so far overshadow the war uses as to be hardly describable. Radar was invented by two Americans. Our VIP in Washington turned it down as an impractical dream and the inventors took it to England. There, someone like the person I am looking for, was able to see beyond the fact it had not been written up in a scientific journal, and he told someone else to "Get busy and develop this idea." The result was, we had to send officers to England to learn how to use the idea for wartime purposes. Now take a look at Radar. We even have Radar Permanents for the ladies, so the ad reads.

We must go deep into metaphysics for the real answer to how Eloptic Energy acts and works and is controlled. It is so closely woven into the fabric of all our everyday life and activities, it is a mystery to me why mankind has denied it for so long. I personally believe the fault lies with our spiritual advisors. If you would like to read something interesting, get "The Secret Science Behind the Miracles" by Max Freedom Long, printed by Ksomon Press, 2208 West 11th St. Los Angeles 6, Cal. I happen to have met Mr. Long and he is quite a nice person.

In his book, Long describes the Aka threads that connect such things as a photograph with the thing photographed. To quote a paragraph, pp 99. "Other experiments showed that the vital force could be stored for a time in various substances such as wood, paper and cloth. Water took and held charges. Glass did not."

We use cotton swabs to make specimens such as putting a little bit of saliva on the cotton. Tissue paper works just as well. We can store energy (Eloptic) in water and it can hold a very powerful charge. I use glass for all wells for specimens as it does not hold the charge, once the specimen is removed.

A couple of numbers can be fed into a computer and out comes the answer, whether you want the numbers added, subtracted, multiplied or divided. This operation is wholly mechanical (electronic if you insist), it is not dependent upon the presence of any specific person with some peculiar metaphysical ability. A Chinese can take an Abacus and do some very intricate mathematical problems with it. There, both the man and the device are necessary. There are a few people who have the ability to do very complicated problems mentally, without any device to assist them. In this case, it is wholly the personal equation that counts.

The same analogy holds good when it comes to doing things with apparatus for the diagnosis or treatment of disease. There has been a lot written lately about the

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use of hypnosis of a non-medically minded person and have them describe very technically the trouble with some patient. There are two explanations for this. One is that it is the Superconscious or as the Kahunas call it, the Aumakua, that knows all that has been experienced through the various millions of embodiments. Another explanation is that some discarnate with former medical training and the ability to see everything about the patient, is telling the one asking the questions. The very clairvoyant will be able to 'hear' or 'sense' the answers from the discarnate. Others will use some means of getting yes or no answers, such as using a so called psionic machine. One without anything inside the box will do as well as the most complicated. All that is needed, is a reaction plate. The operator asks mental questions and the discarnate gives the answer, yes or no, by causing the plate to act accordingly.

The third category involves the person without the ability or desire to use such an ability, who prefers to use a device such as we have developed. It is capable of tuning in to the emanations that radiate from all material things in the universe. The operator of such a device, sets the dials for the frequency of emanation desired and measures the intensity of the radiation. The value of the intensity telling him that the 'thing' looked for is there or not, or of little importance.

These three categories are so mixed up in various people, that they seldom know when they are using one and when using another. The important point is to be able to know that all three do exist and not confuse them. A doctor can tell a patient that a vial of plain water from the tap, will cure a pain or other ailment. The patient takes the water and gets well fast. What has happened? First the doctor has the, perhaps unknown, ability to project metaphysically, an energy into the water. Many people have this developed to a great degree. Everybody has it latent within them. Second, the patient has faith in the doctor and he accepts the ability of the water to cure him. If he did not have that faith, the doctor's ability would have to be very well developed in order to be potent enough to break down the wall of resistance the patient unconsciously put up.

We can set the dials of one of our instruments to a specific frequency rate, put the leaf from a tree in the instrument (to form the connection with the specific tree) and even though the tree is hundreds of miles away and has no 'ideas' on the subject, we can produce definite results in the tree. Anyone can do this. Not just me or my wife, anyone who will take the time to learn the motions of operation of the device.

When you made the paper drawing of the circuit of that instrument of yours, you gave it a terrific shot of power to do what you wanted it to do. Someone else might or not get the same results. We have spent a third of a century trying to sort the wheat from the rest, the seed, the land, the farmer who planted it, the stock on which it

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grew. Believe me, it has been no easy task to be impersonal about such things with some of the people we have dealt with on the subject. When a man has an ability very well developed, it is difficult to convince him that he is the exception.

About the communication device you mentioned as a best approach to 'selling' the idea. You have undoubtedly heard about Nelson's attempt to get RCA interested. In anticipation of his being sent here to see the idea at work for communication, I built a transmitter and a receiver for the sending of dots, spaces and dashes. Until we get a mechanical detector, we must necessarily depend upon what we have for getting reactions.

Since I have already written up the idea and had it notarized for future patent coverage, I don't mind telling you about the details, however, I would rather you held all this as between us for the time.

I took a piece of gold that had been a filling from a tooth as the carrier frequency source. This had some very specific characteristics that would hardly be found elsewhere. I tried several pure form elements such as silver, antimony, selenium etc., and found those that had very distinct frequency patterns different from each other. The carrier was caused to radiate from the transmitter, continuously. In order to send a dash, I caused the energy from the dash element (e.g. selenium) to be superimposed on the carrier (gold) and thus so modulated. To send a dot, the same procedure, only the modulating frequency was from another element.

The receiver consisted of three complete prism units in the same case with separate quantity measuring devices for each, with a switch that would cut in first one then another of the preset prism units, each being tuned to a different frequency, one for the dot (antimony e.g.) one for the dash (selenium) and another for the space to be sent between characters to separate them.

Before putting the gold filling in the receiver, I photographed it. The photograph was placed in the receiver so it would respond only to the energy from the one source, the transmitter. The device does a very good job. If I were going to do this for an important demonstration, I would want to search very carefully to get some good elements for the dot, dash and space. I find that some elements work one way and some another. For instance, you measure the amount of gold coming through unmodulated. Then you cut in the modulator frequency. In some cases, the two neutralize and cut down the intensity of the carrier. Others augment the carrier. There is an affinity or the opposite between several of the elements. These are just details of peculiar behavior. The important thing is that the darn thing works.

Lets take another idea. A photograph of a secret agent is taken. He goes to a foreign area. Every night at 10:00 PM his time, the receiver is checked for possible

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reception on the modulation of his personal frequency with that of copper and silver, or the operator might be instructed to scan for one frequency at 10:00 PM and another at 10:30 etc., in order to find what he proposed to use. Then at e.g., 11:00 PM, he could start his message by touching first one, then another of the modulators—things he would be apt to have most anywhere he might be, even in prison. While the present system would be quite slow, it would work, and under the most trying circumstances.

I am only throwing these ideas at you at this time to try to get over (as if it were necessary in your case) the fact that this has been developed far beyond the interesting gadget stage. It has some very important aspects already usable, without the need to do much further development.

Some day, I will have an automatic detector that will respond instantly and actuate some type of electrical device so the responses can be recorded on tape, graphic meter, etc., or actuate such a device as a speaker. Then the modulation can be much faster such as the voice modulation of a radio carrier. Then, your idea of the pocket telephone will be an actuality. The interesting point is that it will have no limit as to distance. You can talk to China as easily as across the room.

I warned you at the outset that we need a book for this. Here we are at page 5 and have not really started.

As to the automatic detector. It will not work on any idea involving electricity or via any device that is electron operated. We are dealing with something different. In your letter, you said you believe the important item is form rather than substance. To a certain extent you are right. However, I believe if you go further, you will find that there is something more potent than mere form.

Here it is. I believe there is an all pervading something that the great creator started with and from which He created all the so called substance. He endowed us with "The ability to create," He made us in His image and likeness. I believe this means that He gave us those of His abilities (likenesses) that would enable us to create most anything we chose to create. In other words, He also gave us free will to create as we want to. This idea is not in conflict with most of the great religions.

There is much written on the subject. With our imaging, with our cold reason and mental picture, we form the pattern. With our emotional energy, we fill the form or pattern or mold and thus create. The mental form must be made of something. The emotional energy must come from somewhere. It comes from this sea of all pervading something. When something has been formed, it must be kept in form by some binding energy or it will revert to the original state. There is a constant interchange of some kind in which there is a constant disintegration, reverting back

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to the original state, and a constant replenishment, to hold the form created. It is this 'disintegration' part in which we are interested when we tune in to the energy emanating from a substance and find out what frequencies are emanating from it.

We can measure emotions and thoughts. That is really something. It is easily done. We do it by measuring the effect of a thought or emotion directed at some unsuspecting person. We do it with the same device as used in the detection of the emanations from solid substance. And what is solid substance? As you well know, there is more space (unfilled part) in a so called solid metal than there is filled. If enough of the metal aluminum equal to the weight of the great battleship Missouri, were compressed until the particles, electrons, neutrons and protons, of which it is made, were just touching like marbles in a box, the result would be about one inch cube. We do not know what the inside of a proton looks like. For all we know, it might be all 'open' too.

When we can find the resonant frequency of a pest like a corn ear worm and subject it to that frequency and the worm just goes from a lively worm to a moist spot in 24 hours, what have we done? Have we not probably offset the 'binding' energy or what have you, and allowed the component elements to revert to their original state?

This is a very big subject and we should not sell ourselves short by thinking of it in too limited terms. I do not think we should allow the shortsightedness of our scientific brethren who know all of the book by heart and can quote page and paragraph of the work done by someone else, and who have set up a list of rules for their own protection (protection of their own limited little sphere), to tell us we are nuts and that there is nothing to this idea just because they do not and cannot possibly understand it.

This is a good place to close this discourse. Hope I have not bored you with my own ideas of a few controversial subjects. Will look forward to hearing from you again. Let your hair down.

Sincerely,

Galen Hieronymus

cc Gross et al.

POST SCRIPT TO LETTER OF JUNE 14th, 1956 to John Campbell.

I believe this item in answer to one part of your original letter, should be covered.

You mentioned the fact you could do without any electrical power to actuate the original copy of my device. This is true for diagnostic work, that is, just getting your reactions. When it comes to treating or producing such results as changing a disease

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condition in a person or in killing a pest, there is need for more power.

I recently built a device similar to but using certain slightly different parts. It made a vast difference in the results obtained in treating. It was too powerful. In reducing the plate voltage, I noted that the results seemed to drop in something like the inverse square of the reduction of voltage. That is reverse English. I mean the effect went up in a manner that seemed without actual measured values, to be of the order of many times the actual voltage increase.

There is another important item. I am still so much amazed that you got such excellent results on the first try at building an instrument for use with Eloptic energy. I find that the insulation used is so very important. The brown or reddish colored bakelite used in most switches and potentiometers is a very good conductor of Eloptic energy while black bakelite is a relatively good insulator for it.

If you try to use e.g. a switch with 5,000 ohm resistors per step for an attenuator, it will work fairly well. If you change these resistors to 20,000 each, you will note little if any difference. Take out all the resistors and it will probably work about the same as with the 5,000 ohm resistors. At first, this would look as the form is the item of importance, not the value of resistance. It really is the leakage factor in the brown bakelite that is involved. Next make a switch with regular, black Bakelite insulation and you will soon see the difference. Light on that will even cause it to act similarly to the other however. I have found it very important to keep all light out of these instruments if they are to work best.

Magnetic fields play a very important part in this work. Look out for them.

I understand from Col. Gross that you have an idea for an automatic detector. Hope so. I hope to work it out some day. Have been too busy developing a foolproof device for men to use in the field for killing pests, to spend much time on pure research for some time. You see, I have had some experience with the answers given by discarnates via the reaction plate with such things as your written (drawn) circuit to place too much credit in the results. I find it more sure and dependable to actually build each device complete. Yes it takes much time and costs much more but the results are much more dependable. Sorry I must disagree with you on this point.

I do not mean to throw cold water on any of your ideas. Lord knows we need some new ideas thrown to the pot. I just do not want you with your new enthusiasm to be lead off on a tangent as many have been, and find yourself at a dead end and give the idea up as a bunch of nonsense.

What brand of typewriter do you use? Mine just will not spell correctly. Maybe all I need is just a different typewriter. Some of our friends working with this idea use just that brand of logic. Sincerely, Galen Hieronymus.

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Letter to S. S. Stone

Postmarked Haverhill June 27.

JOHN W. CAMPBELL, JR.
1457 Orchard Road
Mountainside, New Jersey

June 17, 1956

Dear Mr. Hieronymus:-

The great problem in working out new theoretical advances is that it's so darned much easier to think in already-familiar terms than it is to plow out a totally new pathway. That means you and me, too; we'll have just as much of the human tendency to try to explain what we see in already familiar terms as will any professional scientist. Sure, our terms are different from his---but they're terms, too, and just as easy to get stuck with as his are!

My education was in theoretical physics...fortunately in the period of 1926 through 1935, when nuclear physics was the grandest mess of theories that has ever come down the pike. They had a dozen different theories, all of which were good for explaining some aspects of the observed data, but none of which would explain all. The result was that physicists would use de Broglie's theory when working on one kind of problem, shift to Bohr's for another problem, go to Heisenberg for a third problem, and use Dirac's work for a fourth. It's easy to learn, in such an environment, that a theory is a tool, like a hammer or saw or screwdriver. You can't cut a board with a hammer, sink a nail with a saw, or get a bolt out with a saw or hammer. Each tool is good, but only within its own limits.

A theory, to me, is just a tool; keep it handy for use when the matching problem comes up, and heave it onto the shelf and take down another one when it isn't the useful tool a theory should be. A fundamental of my philosophy is "If your theory holds it is impossible to do what you must do, the theory is futile. Get a new one." The one, fundamental test of any theory, in other words, is Usefulness. Truth? What's that? When? In what terms? "Thou shalt not kill?" Try that with a homicidal maniac after you some time. "Thou shalt not bear false witness?" Who, other than God Almighty, knows the absolute truth, and is, thus, able to obey that commandment in full? Such commandments are futile as commandments; try a new theory that's appropriate and useful to human beings living in a human world....and have the humility to recognize that that is absolutely all you'll ever be able to do anyway. Not being God Himself, you can't ever tell "the truth, the whole truth, and nothing but the truth."

Then any theory is a human statement seeking to approximate as closely as possible the Reality of the Universe. It's a map of the Universe---and like any map, differs in some degree from Reality.

Since I wrote you, Howard Armstrong stopped by, and loaned me one of their three-transistor treatment machines. I learned from Ed Herman the circuit of the original vacuum tube unit. Both turn out to be standard, simple audio frequency amplifiers. I've built a comparable three-transistor unit, using three GE 2N107's; I'm going to have to get some life-form to test it out on, and make some experiments. White mice, hamsters, turtles, maybe fruit flies; I dunno yet. I'm also curious to see what happens if the three PNP transistors, which are positive-action types, are replaced, in exactly the same circuit, with three NPN transistors. All that I need do is pull the three 2N107's and the little 6-volt battery, plug in Sylvania 2N35's, their NPN transistors, and plug the battery back in with terminals

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reversed.

The circuit, however, is evidently relatively unimportant; I've had audio amplifiers around here for years, ranging in power from a 20 milliwatt headphones job to my 750 watt push-pull 810's modulator on the ham rig. WOR's main transmitter's about 5 miles away, and they've got about 75 kw of audio amplifier plate-modulating their RF stage. If AF amplifier circuits did the business...something strange would have been showing up before this!

I suspect it's something decidedly different. Frankly, I feel it's plain, old fashioned Death Magic---only since we've grown up in a culture of electronics and the like, we're using electronic circuitry devices, instead of eye of newt and wing of bat. Take a look at what the old alchemists worked with; the stuff anyone could collect in his own local society at the time. So it's easier for us to collect transistors and 6SJ7's than to collect bat-wings and carved ivory. Eye of newt is hard to come by, but a 100 uF mica condenser's easy to get.

But...the old magi achieved the same things we are talking about. Since their results were pretty similar, let's see if there isn't some somewhat more fundamental similarity between the eye of newt business and the 2N107's than we at first realize, shall we?

I think it's the abacus business---plus anything that serves to focus the attention of the human operator.

I believe that I have spotted the basic flaw in modern science, so far as this work is concerned.

First, I can tell you why you're not getting over with the professional scientists; having lived in the field, and worked with them a hell of a lot, I can (a) understand what you and your group are trying to say and (b) see what the words you use mean to a professional scientist.

In the highly precise, very specifically defined terms of physical science, your use of the term "frequency" and "vibration" makes it clear that you don't know what you're talking about---it's absolute nonsense. Remember that when you talk to anyone, the words mean what he says (or thinks) they mean, not what you think they mean. The English word "truth" is commonly translated into Russian as "pravda"---but what "pravda" means to a Russian is not what we mean by "truth". "Pravda" literally means "the official word on the subject". Therefore if the Russian Government decides that Lysenko's cockeyed theories of genetics are valid, they are "pravda" by definition. No argument about their being the "pravda" is possible; it is a demonstrable fact that they are the official word on the subject, as can be shown by documents. Therefore they are, beyond argument, "pravda". Now try telling a Russian "I know that what Lysenko says is the official word on the subject, but I want to know what the truth is." It comes out "I know that what Lysenko says is the pravda, but I want to know what the pravda is."

See? Obviously you're confused hopelessly, and don't know what you're talking about. The Russians have no word signifying fundamental, non-human truth. They have a word "istina" or something like that meaning "truth" in the sense of "the revealed religious gospel"---but again, no non-human, non-volitional truth term.

O.K.---when you talk to physical scientists, you're going to have to use terms they do not already have meanings for. They do have meanings for "frequency"; they've got it defined to a gnat's eyelash. It's precisely what they say it is, and absolutely nothing whatsoever else.

You're a radio man; O.K., take the term "impedance". That means resistance, capacitance or inductance, and absolutely no other possible thing whatsoever. If you find something else, something new,

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fine and dandy....but do not call it "impedance", because the term "impedance" has a fully-defined and delimited meaning.

Example: thyrite, or similar silicon carbide mush substances, show a nonlinear characteristic that doesn't obey Ohm's laws; they obey an exponential voltage-current relationship law. What they show in a circuit then is not impedance; you'll have to call it something else, because it won't obey the mathematical laws relating to impedance. (I call it viscance; it acts like viscosity, rather than frictional losses, as ordinary resistances do.)

If you say you "tune in" something at a "certain frequency"---any professional scientist will promptly demand that you name the frequency in cycles per second. You can't; it isn't a matter of cycles per second at all. Thereby you prove to him that, in his terms, you're a liar, or a muddle-headed nit-wit. Because frequency is his term! He invented it. He worked to define it. He devised techniques for expressing it, handling it, and measuring it. And you have no business misusing it, and expecting him to understand you.

We need new terms.

Trouble is, of course, that people always want to stick to familiar grounds and familiar terms.

That's tough; we're exploring new grounds, and we've got to acknowledge that. The professional physicist, however, is stuck with his theories, and with a specific mistaken concept; there are an infinite number of problems that can be solved by the present known techniques. (This is literally true; if we worked for a billion years we'd never run out of possible problems within present techniques.) The difficulty is that, because science-as-it-is can solve an infinite number of problems, the false assumption is made that it can solve all problems! It can't. Geometrically speaking, there are an infinite number of points within the circle of the letter o; that doesn't mean that all points are in it, though!

The problem has been to acknowledge the undeniable fact that science works, and is real, and has a sound, overall map of the territory of physical reality---and show that there's something of enormous size that they've completely missed! Understandably, they can't believe that they can, at one and the same time, have a fully working, fully defined science, and yet have missed something as huge as the psionic forces we're working with.

Well, try an analogy: Suppose that, at the 1920 annual meeting of the National Geographic Society, a man stood up and said, "The maps you have of the continental US are inadequate, grossly inadequate. There's a river more than a dozen times bigger than the Mississippi flowing through here, a river of immense economic importance to the nation, and it's not on any of your maps. And there are three or four canyons greater than the Grand Canyon of the Colorado that aren't shown."

"Nonsense! Fantastic! Impossible!" says the learned secretary. "We may have missed a few lakes and brooks, and some caves---but a river bigger than the Mississippi? Impossible! There's been too much flying; any large feature would certainly be found. Where is this remarkable river? Show us!"

"I can't," says the critic, "because it's invisible. That's why your flyers haven't seen it either."

After the laughter died down, and the crackpot was ejected, the meeting would resume its orderly business---and not ten miles away, the stupendous river would roar on its way, dozens of times greater than the Mississippi, completely invisible---a river over 100 miles wide, two miles deep, and howling along at up to 300 miles an hour, the mighty Jet Stream, less than 10 miles overhead, and one of the few features of our planet clearly visible

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from Mars!

Its economic importance in controlling the weather of the nation is now perfectly obvious.

One of the canyons, incidentally, starts a couple of miles from Manhattan Island---the Canyon of the Hudson. Invisible, too, from the air---but it's about three miles deep, and over 100 long!

The geographers had complete maps of the US in 1920; they knew there could be no new big features to be discovered. Not on the surface of the continent; no. But above it...?

Physics has their territory too well mapped to allow the existence of any major features such as we've been working with. Insist that they have to fit it into their territory, and they'll know for a fact---and be perfectly correct---that you're a crackpot. It IS NOT SCIENCE AND CAN NOT BE EXPLAINED WITHIN SCIENCE.

The problem, then, is two-fold; explain that it is not science, and explain what it is.

Now there's a subtle sort of gimmick in science that most scientists have forgotten, never knew, and, many times, very much want to deny; Einstein, who was a philosopher, not a scientist, knew what he was talking about. His relativity theories are very specifically, and expressly, descriptions of the Universe as a certain defined type of observer would see it.

Relativity specifically does not describe the Universe. Einstein never said it did. He said it described what one specific, carefully defined, and sharply limited type of observer would appear to see.

That observer can properly be described as a one-eyed logician suffering from acute tunnel vision; he can see only one thing at a time, never two or more, and can only look along straight lines. He has memory, and can reason in a highly limited, formal-logic fashion. Because of this, he can't distinguish past from present or future. He can't see two things at once because of his unfortunate tunnel vision, so he denies that simultaneity exists.

In logic, you can't hold two different things to be true at the same time; that's called "inconsistency". That's why, for our logical observer, simultaneity---which involved recognizing two true things at the same time---is impossible. He couldn't admit it if he saw it, because he'd be "inconsistent".

Now suppose someone describes how the Universe would look to a two-eyed, rational being who had peripheral vision and could see two or more things at once?

Obviously, he won't come to the same conclusions Einstein's One Eyed Logician did!

The above material indicates where the physical scientist's present maps of the Universe must necessarily be deficient; the method of observation is inadequate!

Now is there an "invisible river" flowing past here that physical science has missed completely?

Yes; there is. The essential difference between inanimate, non-living matter and living entities is purpose. A rock doesn't give a damn whether you crush it to dust or not; living things do. Further, in inanimate nature, anything that can happen, must. Describe accurately what the situation is, and it becomes possible to state exactly what will happen, because whatever can, must.

But for a living entity, that which can happen....may. Will, purpose, desire, want---these are all characteristics of living, and only of living entities.

Physical science has no map whatever of the forces of purposive influences, no description whatever of want, or desire. But purpose is direction; a purposive organism can---unlike Einstein's One Eyed

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Logician!---tell Past from Future; any living organism has a sense of purpose, of direction-in-time.

O.K.; now let's consider what that psionic machine that controls insects, etc., is doing. Suppose for a moment that it somehow influences purposive force; it can influence want-energy.

Let's imagine a young, healthy, vigorous aphid resting on a nice, tender young rose shoot. It is in a perfect position to be able to eat; in that situation it can eat. If it were a purely inanimate system, then, it would eat. But it isn't inanimate; suppose what the machine does is to block the want-to-eat. The aphid sits there, not wanting to eat, and starving to death.

Most of the tales of enchantments in the old days can be explained in terms of an imposed want structure; a love philter would be something that imposed on A a want-of-B. Death Magic would impose on an entity a loss of want-to-live.

I have a hunch that the psionic machines, so far, have largely served as means of concentrating or focussing human attention on a specific target; the purpose-energy of a human being is stupendously greater than the purposive energy of any ordinary animal. The purposive energies a human being exerts in such ordinary jobs as driving in traffic must represent a purposive-power sufficient to blast out of existence hundreds of thousands of caterpillars or beetles!

Any method by which the enormous purposive energies of a human being could be focussed against such fragile purposive structures as jap betteles, for instance, should make it possible to kill tens of thousands without much noticeable effort on the part of the human being.

But....don't try it on another human being! There you'll be running into a purposive dynamo of your own magnitude! If, moreover, you tie into a violent neurosis in the patient's structure, he'll swing more and more of his total life-energies into defending it against the attack of the therapist, and you might find yourself darned near knocked out yourself.

Sure, human beings vary enormously in purposive power. A man like Galileo, who could take on the whole civilization of his time, and battle 'em to a standstill, would be able to blast any normal human being. The little guy who conforms placidly to whatever he's faced with and likes it, on the other hand, would be crushed by the opposition of an unusually high-power dog.

We're working, I think, with Purposive energies---and have no definitions, and no understandings.

The other side of the matter is Meaning.

In ordinary experience, there are two major factors: Logic and Action. Both are single-valued, purely sequential, points-on-a-line things. Logic, however, has no meaning, per se---any more than Action, per se, does. I can do perfectly valid logic on the propositions "The Moon is made of Green Cheese," and "There is a cheese shortage in Switzerland." Lewis Carroll had a lovely logical item: "Given: All Scotchmen are canny. All Dragons are uncanny. What conclusions can be drawn?" Answer: No Scotchman is a Dragon, and no Dragon is a Scotchman." This is Logic...but it remains logical, despite the lack of meaning!

I can stand up, dressed in fancy robes, and intone, in a solemn voice, a series of complex noises. This would be action.... but also meaningless, and purposeless.

Efficiency could be defined as "maximizing the ratio of P/A"---maximizing of purposive result to action expended.

Your diagnostic-analytical machine is an effort to maximize a different ratio---the ratio of M/D. The maximum of Meaning obtained from Data used.

Meaning, I suspect, is the intellectual side of Purpose,

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while Logic is the intellectual side of Action. Just as many actions can yield the same purpose, so many logical structures can yield the same meaning. There are a dozen different logical proofs of the Pythagorean Theorem, for example, each equally valid---but only one Meaning.

"How much data is enough?" The answer to this question, in Logic, is absolutely definite; "All the data, and only all, is enough." That's why Logic, real, formal logic, works only in mathematics, where the Universe of Discourse can be fully defined.

Meaning is different; you do not need all the data to determine meaning. Simple example: A newspaper half-tone print visibly does not present all the picture; the half-tone dots visibly interrupt the pattern. But the meaning is complete!

Also, despite my typographical errors, misspellings, etc., you can read this fluently; a computer machine, being logical, couldn't. You read meanings.

As I see it---and I'm rejecting all previous theories in a completely arbitrary fashion, for reasons explained next---we have to assume a Universe with an Hierarchy structure, with level on level, stacked one above the other. Certainly the physical universe shows that characteristic, anyway! There are the subnuclear particles, organized to generate the level of nuclei, which form atoms, which are organized to form molecules, which organize to form crystals, which organize to form planets, and so on up to galaxies.

Each level shows laws of its own which are true for that level, and are not true for either the level above, or the level below. The binding energies of nuclei are not electrostatic; the binding energies of nuclei-to-electrons are electrostatic. And so on.

As I see it, Being is the Zero Level of the Hierarchy of Reality. (You can't do something until you exist.) Action ~~and~~ is the First Level, or because "level" suggests a dimensional stacking, let's invent a new term, nume, and say that Action is the First Nume. Logic is the Second Nume. Motive is the Third Nume. Meaning, or Understanding, is the Fourth Nume.

The higher-order nume determines the lower-order nume, but there is interaction, a sort of feedback. Motive directs logic ~~and~~ and Action. Meaning or Understanding, determines Motive (purpose).

The Fifth Nume, I believe, is something we can't do such a hot job of defining; call it the Yang-Yin Nume, or Shiva-Kali, or God-Satan; it is Destruction and Creation.

The Sixth is even hazier---but I think it's Judgement. Judgement alone can control and direct Anihilation and Creation.

We're working, so far, at the beginning of the Third and Fourth Numes; we've got a long way to go yet!

Reason for throwing out, arbitrarily, all earlier theories: People have been hacking away at this problem for 6000 years of record. Wise, highly competent, persevering men have tried whole lifetimes to solve it. The state of the world indicates very forcefully that they did not. Then their theories, evidently, were not adequate tools for solving the problem within a single lifetime---and therefore are inadequate for my use. I can learn, by studying the general nature of their theories, what tools will not do the job within the time I must solve it, if it is to be solved at all.

I reject, for the above reasons, the theological approach.

I reject, for the same reasons, the reincarnation approach.

I reject the help of discarnate entities; the method's been tried, and didn't work adequately for those that tried hard and sincerely.

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7.

Agreed, that my method may not work either. So what? The problem's worth tackling, and there's no use tackling it by methods that have been tried consistently, many times, by men whose abilities, sincerity, and persistence I respect. If I considered them fools and lazy bums---there'd be good reason for tackling things their way. I don't; I think the Mystics of old were Men---real men, with high courage, great determination, high intelligence and ability. I don't figure I'm so darned much smarter, more competent, or more courages than they that I'll succeed where they failed. I'll try, therefore, where they did not.

The most successful method of attacking the problem of the Universe has been that of physical science; it yielded more Meanings per man-year than any other technique philosophers ever tried. Just because it has now reached approximately the limit of practical application is no reason to reject its main thesis; Revelation doesn't yield enough results alone. Structured concepts, plus revelation, is essential.

I want to work out an instrumental technique for detecting and measuring purposive energies. It can be done; if I can do that, I'll have a method by which I can almost instantaneously determine the effect of a change in a structure I'm studying.

I think your theory on the operation of the tactile plate detector leaves something unexplained. Notice this: the analytical machine, which I made up with purely symbolic systems, appears to work without energy input of any kind. That is not the case! On a nice crisp winter evening, try gently stroking a cat's fur. The cracklings of static electricity make plainly audible the fact that gentle stroking is a very definite energy input! The entire sound output of a violin is the result of gentle stroking, isn't it?

But there's something else worth noting here; suppose I expose a film in my camera, and then put it in the developer. Until I develop it, there are no images on the film; the light energy input wasn't enough to make a perceptible image. Oh, I could get an image; if you put plain film in a camera, and expose it in brilliant sunlight for ten hours or so, the light-energy alone will reduce some metallic silver, and by simply fixing the film in thiosulphate, you'll get a faint, but perceptible image. But it's a darned inefficient way to do the job.

The developer supplies chemical energy...but the intensity of that energy is not quite great enough to reduce silver halide. The light-struck silver grains, however, act as catalysts, and the strong, useful image is formed.

For ideal results, the developer must offer a uniformly distributed, perfectly random, supply of chemical energy, while the actual use of that energy is controlled by the exposed silver grains. If the developer swirls in patterned movement across the film throughout development, the picture comes out streaked; the film was not evenly exposed to developer-energy.

What's needed, then, is a key pattern, plus perfectly random available energy.

A precisely similar system exists in painting signs by using a stencil, and a paint-spray gun. The stencil determines where the paint shall go---but the spray-gun determines whether. The exposed silver grains determine where development shall take place, but the random spray of energy from the developer determines whether.

I suspect that what we need is a spray of energy of some form, which is influenced by a pattern of some psionic type. The effect must be developed; it won't happen.

The Story of Eloptic Energy

8.

The things we're working with do not exist, and do not happen; they're potentials. They're "could be's". The essence of a third-name phenomenon is that it is not at the level of Being, nor at the level of Action, but at the level of Purpose---which implies Futurity rather than Now.

The methods required do involve electronic techniques, I betcha! Reason: The electron is, already, known to show the non-physical property of being able to go two ways at the same time, be in two places at once. And it's been indicated that the positron can be explained equally well as an electron with a positive charge, or a normal electron travelling backward through time!

There's another reason for seeking the instrumental device for displaying the phenomenon: if I make a black box with a button on one end, and a hole on the other, such that when I press the button a little white flag pops out of the hole half a second later, no one will be too worried about the innards of the box. If I press the button 25 times, and 25 times the flag pops out, on the 26th try, if the flag fails to show, the ordinary observer will say, "Tsk tsk! Something broke, I guess."

If, on the other hand, the flag pops out two weeks later, and does it 25 times, and fails on the 26th try...the usual observer will tend to say, "I knew it was just coincidence. See, it doesn't really work."

If we make a test that involves many hours or days between action and result, and involves a new and very sketchy theoretical concept...the long time lag allows for a lot of external factors to work in. Suppose you're trying to show that you can kill white mice, and it takes two weeks between turning on the device and having the mice die. Prove anything that way? Hell, no! "White mice are always getting colds, or fighting each other, or dying for no particular reason at all anyway. That test doesn't prove anything; probably they got some darned disease during the two weeks."

Feed the mice on strychnine, and use the machine therapeutically to keep 'em alive. "Hmm...strychnine must have been adulterated. Obviously they didn't get real strychnine, because mice always die if they get strychnine."

I'd never heard of the Aka Threads theory; mine is simply that relationship is itself a reality. That is, every object in the Universe is related to every other object in the universe---and relationship is just as real as gravity. It's just a different type of field-force. If a very close relationship between A and B can be established, then a force applied to B will, by reason of the close relationship to A, be applied to A. I can knock a man cold without touching him; if he's got a metal bar against the side of his head, and I slug the other end of the metal bar, I may not have touched him, but because of the close relationship between his noggin and the metal bar, he'll know he's been slugged.

The trouble we're going to run into in this field is that Will, Purpose, is effective in this area! You say glass doesn't hold a charge. O.K.---that's fine. Then your glass won't---because your purposive energies prevent it. But if I say it does, then my glass will!

You say light conducts the force; I say it doesn't. In my machine, as a consequence, it doesn't!

I built that symbolic machine, and installed a 6.3 volt transformer, power line, and switch, with a little pilot bulb. Reason: plugging it in, and turning on the pilot light helped convince people that "something inside this box is now ready to function".

The light from the pilot bulb, however, bathes the entire circuit diagram. The machine works just as well with the light on

Correspondence with John W. Campbell

9.
as with the light off. So, in my machine, light does not conduct the force.

What we need is something that is an actual, genuine barrier to purposive energy....and I don't think we're going to get that for a long, long time. Matter, obviously, is not. I've got hunches, but no evidence as yet.

The damndest part of this research is just exactly that problem; purposive energies can saturate matter, as a magnetic field can saturate steel, and magnetize it. I very studiously saturated my symbolic drawing with a conviction that this would work, by reason of the laws of symbolic magic. I agree that that was important. I know I have very special talents along that line; hell, man, for 30 years I've been specializing in developing my talents in the line of presenting imaginative concepts with conviction that produces a sensation of reality! That's what a science-fiction writer-editor does for a living...and in that field, by God, I'm good. If I can find a new and more useful application for that talent I've trained into myself over the years---cheers! Let's go to it!

Trouble is....how the blazes do you do research to find what is and is not inherently best? When the experimenter's own powerful purpose can impose the quality of excellence on one material, which may be inherently poor, actually, and deny effect in a material that may, inherently, be excellent?!

That's another reason why I want mechanical detectors of purposive energies! The very best experimenters will be the ones with great purpose and understanding. They'll also be the ones that can impose magnificent results on an inherent dud, that won't do a damn thing in the hands of an ordinary human being!

Sure, you're a Grade A magician: you can plant a Charm on a bone, some mud dug from a graveyard at midnight, and a three-stage broad-band impedance coupled amplifier, after which the darned thing will work for ordinary people.

But ordinary people can't; therefore, for them, the things are no good, and your theory obviously is nonsense.

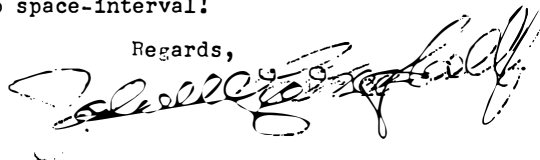
Ed Herman's no doubt told you about the trouble the Delawarr people have with their photographic machine? It works just fine, for anybody....provided Mr. Corte loads the plates! Unless Corte puts the Charm on the plates---saturates them with purposive energy, so to speak---the plates can't be used!

Until we can get instrumentation of a mechanical order.... we're stuck.

Herman told me about your communicator gadget. It's still several orders of magnitude too slow to serve the needed purpose. We've got to cook up one that works in milliseconds, not seconds. Unless I'm way off base, we can, actually, achieve one that works with zero---and I mean zero---time-lag. The moment we do, we'll knock the rug out from under modern physics, and Einsetin's One-Eyed Logician; if we can signal from Australia to New York in 0.0001 second, or less---we make a liar out of Relativity! We will have transmitted information at a speed much higher than the speed of light, and that'll put the permanent kibosh on physical-science objections.

My hunch is this order of phenomenon pays a little attention to time-interval as it does to space-interval!

Regards,



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JOHN W. CAMPBELL, JR.
1457 Orchard Road
Mountainside, New Jersey

June 19, 1956

Dear Mr. Hieronymus:-

I've just returned from having lunch with Col. Gross and Arthur Gray, who is President of Street & Smith Pub. Co., and associated with me in the psionics research I've been doing. I think it may be helpful if I state what I had in mind in making the suggestions I did concerning the business arrangements about this research.

First off, the patent system at the present time will not offer us any protection whatever; it's completely useless, because it was not set up to handle the type of problem we're running into.

I've built that purely symbolic machine, which works real pretty; it's your basic machine, and you know it and I know it. The only thing is that you know as well as I do that no court in the land would hold that it is in any respect what you patented! I don't use any vacuum tubes; therefore it obviously isn't what you patented.

Moreover, unless I'm greatly mistaken, I could use a different set of symbols, and get just as good results. That is, the symbols have the characteristics I arbitrarily assign them. If I want to use a pentagon as a symbol for a pentode amplifier---it'll work.

Keeping in mind the type of thinking that dominates the courts today, you can readily see that getting effective patent protection on a psionic device is completely out of the question.

You can't patent a law of nature; what we're doing, however, is discovering laws of Nature. No patent protection possible.

You can spend a lot of money hiring patent lawyers, however, and getting patents on one, specific, special unit. But inasmuch as Mr. Upton can use a handy table top, and a pencil drawing on a paper doiley and get the results of the diagnostic machine....let's see you get a patent that's worth two hoots in hell!

The patent laws were originated a few centuries back, when technology first got started. They came into being when individuals got bright ideas, and kept said ideas secret---"trade secrets". The idea was that the Government would repay the inventor by giving him a guaranteed, protected monopoly on his idea for a limited time, in return for making the idea patent---literally, making it clearly understandable.

The proposition worked, so long as both sides felt they were benefiting. Trouble is, if you have very good analytical techniques, a man doesn't have to tell you his secret; you can get hold of his product and analyse it to determine what his secret was. Why pay a man for something you can get for yourself?

Additional trouble arose because, with the increasingly rapid advance of technology, 17 years became a long, long time. Darned few inventions are of any value after the first ten years anyway; the actual life of an invention normally is less than that period, so the original idea, that of making it free to all after a short time of earning return, no longer works. By the time the patent runs out, nobody wants it anyway, usually.

Consider electronic circuit patents as of 1939. Those patents would just be running out. Since a good patent lawyer can argue with the patent office for three or four years while under "patent pending" protection, inventions made in 1935 are just running out.

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Who wants a 1935 radio set today?

The result is that the original purpose of the patent laws has vanished, and the laws themselves are, in consequence, breaking down completely.

The original purposes were based on (1) the existence of trade secrets that were secrets, and (2) the inability of analytical techniques available to crack those secrets. If a man wouldn't tell you how he did it, you couldn't find out.

The system is breaking down because you can find out, nowadays, whether a man tells you or not.

Further, the patent office people are cook-book scientists; they have to know what the books say. If it's in the books, it isn't new, so you can't patent it. If it can be derived logically from what's in the books, it's just "routineering by anyone skilled in the art" and isn't patentable.

But if it's not in the books, and can't be logically derived from what is in the books, it's impossible, so the patent office terms it nonsense, and refuses a patent. If the books say specifically it's impossible, naturally the patent office turns it down.

If, despite this, you get a patent, you now have a license to sue people---sort of a license to commit barratry.

A big corporation can afford to maintain a staff of lawyers; they don't mind a legal fist-fight---they have them going on all the time anyway.

An individual ordinarily can't afford it.

But that's all right; if a big corporation gets patents, since a patent is a monopoly system, the anti-trust department gets after the corporation as a monopoly in restraint of trade, and takes the patents away from them. See what happened to Bell Labs, which certainly earned the transistor patents, and to IBM and their computer patents.

So let's not play their game; the only people who come out ahead are the patent lawyers---and they get so many headaches they lose too.

It seems to me that the answer is to go back to the Trade Secret system. The lovely thing about these psionic devices is that no technique of scientific analysis can find out why they work! Result: if we have a device which works, we don't give a damn how many high-priced laboratories sweat blood trying to analyse what we have. They can use everything from mass spectrographs to microanalysis, and never find a damn thing!

Consider the spot the Delawarr people are in; they have a machine that takes pictures of diseased organs. This is fine; any operator can be trained to use it.

Provided Mr. Corte loads the plates.

Suppose we develop a communicator that consists of a standard microphone, audio amplifier, and speaker, with a psionic gimmick linking it to the other communicator. Anybody can supply the audio-electronics parts. But unless one of our trained hexers puts the right charm on the psionic gimmick....nothing happens. I'd love to see RCA labs or Bell Labs trying to run a psi-magnetized strip of plastic through its analytical routines to find out why a chemically identical strip they made up wouldn't do the same thing.

And just to make 'em go nuts a little faster, we could use scraps of orange crate lumber, high-purity polystyrene, pieces of old shoe leather, and plastic-impregnated glass-fiber fabric with equally good results. After all, what does the nature of the material matter to a symbol?

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3.

You, Armstrong, Upton---a lot of others---have been in this work for a number of years, pleading, begging, striving to make someone pay some attention to the ideas. It's hell on wheels to try to sell a man an idea that conflicts with his orientations, and that he doesn't want.

But just try telling him it's your Trade Secret, and he can't have it, and see what happens! He'll sweat blood trying to pry it out of you.

As I see it, what we need is a transducer that will convert psionic forces to electromagnetic, or mechanical forces. (I suspect it may turn out to be easier to go direct from psi to mechanical, but we'll make out better if we can go from psi to electronic. Electronics is more publicly acceptable these days. After all, who wants an automatic supermarket door opener that is so old-fashioned it uses a mere mechanical pressure-plate switch? No, siree; it's gotta be a photoelectronic relay that does it---no perfectly reliable, cheap and simple pressure-plate actuated switches for us, by Gad! We're modern, we are!)

The transducer would accept a psi input, and modulate an electrical or mechanical force on one end, and at the other, accept a modulated electrical or mechanical input and yield a psi output. The transducer could, quite readily, be a chemical system; if we could, by means of a psi force, change the probability of a particular reaction system in favor of substance A instead of B, in a perfectly balanced reaction system, it'd be reasonably simple to detect it. Let's say that A is strongly colored, and B is colorless; then we could detect a change of color photoelectronically. The rate of change should be fairly high, however, at least 4000 cps, which makes the chemical system seem somewhat unsatisfactory as a guess.

But that's what we need. And I suspect that it'll turn out to require an imposed purposive field-force---a psi field. That, without it, the gimmick is just a useless and meaningless hunk of matter---as useless as an unmagnetized chunk of alnico. (Wouldn't you love to see a chemist trying to analyze an alnico magnet to separate out the substance that produces that attraction effect....if he didn't know about magnetic fields?)

Another possible approach to consider is the dear old Marconi coherer detector. What if we could make some kind of dust or colloidal particles line up and fall out of line? Darned little mechanical force would be required---a mere change in the distribution of Brownian movement forces already present would do it! Then we'd have something that would get us a start toward the goal, anyhow!

As I see it, if you want to work with me, and try to crack this job as a team, we can each offer the other something; you've got work-with-the-hands experience I haven't, and can't get without working with my hands for a quart century or so.

On the other hand, through the quarter century I've put in working with ideas and hypotheses, and watching some high-powered creative thinkers here and there around the country, I've learned some practical techniques for tinkering with ideas. You've got experience I haven't got; I've got a totally different kind that you haven't had a chance to collect, not having edited a science-fiction magazine.

Could be that, between us, we could work like the two jaws of a nutcracker to crack this problem, where neither jaw alone could swing the deal.

A theory is no damn good, unless it can lead you to a piece of hardware that works.

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4.

Furthermore, many a lovely and valid theory has gone down the drain because the guy that had it didn't have the hardware skill necessary to build a workmanlike unit. (Babbage, who invented the first computing machine, had to quite. He couldn't carve a decent gear to save him; the theories he had were fine, but his workmanship stunk.)

A good theory may give a good blueprint for a good machine... but if a man has that much, and no skill with hardware, it's still no cigars.

On the other hand, a good theory can save a hardware expert, the man who can translate ideas into something that works, a lot of effort and trouble. The old boys made some wonderful steel in Damascus, centuries ago. But having absolutely no understanding of what steel was, or why, or what to do about it, they couldn't make different varieties of steel. The Japs had some wonderful steel, too---a fine molybdenum steel. Being totally ignorant of chemistry, how could they know that one of their iron mines was contaminated with molybdenum ore?

Teaming up may save us both a hell of a lot of time, trouble, and expense.

If the team effort produces results, moreover, nobody will have any need to worry about who gets how much. We'll both be trying to figure some way to stay out of the 99% income tax bracket.

I know one of your major concerns is getting something useful done about therapy. The dear old AMA is slightly thick in the head; that would be an excellent place to start therapy, I think. So they have a lovely cure for cancer. I know of a woman who came down to the New York Memorial cancer hospital from an upstate farm town for diagnosis. She spent the ~~entire~~ entire savings of her family for the last five years making the trip. The diagnosis was cancer of the cervix; 90% probability of cure with two months radiation therapy.

So then she went back to her upstate farm to die, having been magnificently diagnosed, and told how her life could have been saved if she had had money enough to keep from starving during the two months she had to stay in New York. Oh, they were willing to give her free radiation treatment....but after all, you couldn't expect them to feed and house her for two months, could you?

Sure the AMA has some wonderful gadgets. Wonder how many diagnostic EEG's and electrocardiographs and trained Roentgenologists you'll find in Shoo Fly, North Carolina? Or Mambayoo, Miss.? Or some of the backwoods towns in Montana, Colorado, etc.?

You can't buck the situation by arguments. Practical people will be found at the farmer-worker level, and at the top-executive level. But inbetween there's a powerful group of trained theoretical technicians. The executive can't get his ideas carried out if the technician's gum up the works for him; the worker can't get his ideas through to management, for the same reason.

You can lead a horse to water, but you can't make him drink... unless you can make him thirsty. You can lead a scientist to facts, but you can't make him swallow---unless you can make him curious.

Nothing will make a scientist more annoyed than the idea that someone's holding out on him.

The Trade Secret approach is not only economically the most practical---it's a sure-fire, guaranteed technique to make the scientist-technicians start demanding that you explain.

The one thing we need is a device that reacts so quickly and on so seemingly pure-mechanical a level that they can't deny

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5.
it happens.

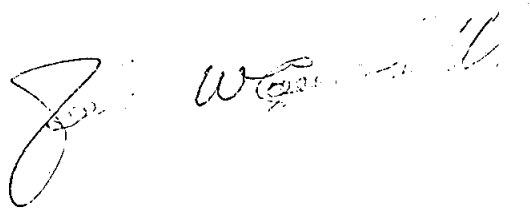
Incidentally, the Armed Forces would just love a means of transmitting a message to a guided missile that was absolutely proof against any kind of interference whatsoever. They would most happily throw the whole science of electronics into the drink if they could get a guided missile controls system that was proof against jamming, or over-controlling, immune to static, and wasn't affected by distance.

Another one of the absolutely unsolved, and absolutely critical problems is this:

In an atomic war, there won't be enough H-bombs to send a dozen or more bombers to attack a given target, all loaded with bombs. They'll have to send a dozen bombers, however, to protect each other against fighter attacks. Only one of them, however, will carry the business.

Problem: "Which twin has the Tony?" The Air Force boys are asking exactly that, in those words. How can you tell which bomber is the one that has to be knocked out? The other eleven, we can ignore---if we can be sure of getting the one.

Regards,



Correspondence with John W. Campbell

20 June 1956

Dear John:

We might as well get acquainted right away and sidetrack formalities, so you are John. My friends call me Galen.

I have just re read your letter of June 17th and will comment on some items in it. I just received a letter from Ed Korman with a lot of questions about the transistor unit that Howard Armstrong loaned you and that you and Ed copied. I can either try to be very diplomatic or try to be honest. I cannot seem to be both and at the same time, put out the facts as I see them. You said in your letter that you had built the transistor unit and planned to try it out on some kind of life form.

This work divides into two major divisions. Analysis, diagnosis or what have you, and treating, or trying to alter the condition found. The amount of energy needed to alter a condition varies all over the lot. The amount of energy needed to analyze is extremely small. The energy radiated from a substance is enough for any good analyzer without any amplification. No power is required. I worked for years without any amplification. Then I used chemical amplifiers in order to relieve the strain on the operator when the energy was weak and he was tired.

When I went into the subject of treating or altering things, I found that it took a long time to get a result when no power from local source (chemical or electric power) was used but that the time element could be greatly reduced with the use of amplification. Just as it takes more energy, more electron volts to move an electron in an inner orbit than it does to move an electron in an orbit several 'shells' farther out, just so does it take more energy to do some treating than it does to do other treating. There seems to be a minimum value of energy needed to produce a result regardless of the time of treatment.

The subject is so vast that it is difficult to keep from rambling from one phase to another related phase. We started on Armstrong's transistor unit. I do not know which one he loaned you. I saw the one that was built for Eliot Pratt last year, by, I believe, the same man who built Howard's unit. It used a masonite panel, 1 mf coupling condensers and an RC coupling system, a typical but crude low frequency audio amplifier. The man who made it told me that "there is nothing but audio frequency signals involved," so he built it with only that idea to control the design and construction.

It seems to be necessary to keep pounding away at the idea of trying to get over the important fact that we are dealing with a force or energy that is as different from electricity and radio as electricity differs from heat. In fact, there is more difference

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since we are in a different medium than that involved in the electro-magnetic.

Electricity flowing through a wire will produce heat. This does not mean that electricity is heat, any more than saying that since a flow of electrons, up and down an antenna will produce something that radiates out away from the antenna, the two phenomena are one and the same. By the way, what does take place when electrons flow in an antenna? I too, have read the books, but they do not give an explanation that will stand up. What is a wave motion in the ether? What is the ether? Send us about a quart.

Fran Farrall just came in with the August issue of A.S.F. You did a fine job on the very short article. Might just as well take off on the subject of why a burned out or missing tube works as it does. I have been able to make a device without any kind of electricity involved, that generated much more energy than the best radio amplifier. It was all mechanical, no chemicals or batteries. Form or configuration was most important. We are using the amplifier tubes for other than their typical radio characteristics. The arrangement of the various grids etc., even the heater, is important in the operation.

Some of my most time taking, heart breaking experiences resulted from not knowing enough about conductors and insulators of this energy. I am going to use my term, Eloptic. After building many devices over a period of time and finding they would not work, they were discarded and I went on to other experiments. Later I would find that some of the material used in earlier experiments was not the insulator I thought it should, but a fair conductor of Eloptic energy.

An example is with bakelite. This is used rather extensively today in radio and TV as insulation. All switches of the rotary type are punched from brown, yellow brown or red brown colored material. This colored bakelite is not a very good insulator of Eloptic energy. There is plenty of leakage through it. Black bakelite, on the other hand, is a very good insulator. I can get away with using brown bakelite switches in the input circuits where I only lose energy or waste it to ground. In other places where feedback is involved or in the output end where I want all the Eloptic energy to be radiated and not grounded, I never use brown bakelite.

If you want to try a simple little experiment, try this. Get two pieces of regular 300 ohm transmission line like Amphenol's translucent whitish insulation and the brown dense kind. Then get some regular 30% black rubber flexible instrument wire as used for water probe leads. Twist the latter into a pair of wires to be comparable to the other pairs. Cut the length to about five feet and put terminals on for quick changing of the three types. Use one of these pairs of wires to go between the output of your original amplifier and the coil in the reaction plate. Naturally you will have

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the coil some foot or so away from the rest of the device to avoid reaction. I would use the black 30% rubber first and set the instrument where you get a reaction, showing that it is working. Now remove the 30% rubber lead and put in its place, one of the Amphenol leads. I think you will get no reaction at all through the 300 ohm line because all the Eloptic energy has been shunted through the insulation to short out the reaction coil.

To test insulations, build a pick up coil not over two inches in diameter with leads of at least a foot in length, preferably longer. Take a very small piece of any metal of which there is no more around, e.g., silver, gold. A gold ring is fine. Tune in gold on the analyzer so that you lose all reaction when the gold is removed from the input coil, in other words, you are sure you are set for gold. Be sure you do not have a gold ring or watch too close.

Next take some wax paper and place two or three thickness over the pick up coil, large enough in size to extend well over the coil. Now place the ring in the center of the coil but separated so radiations must pass through the wax paper. You may not get any reaction at all. Recheck by carefully removing the wax paper without disturbing the dial setting. The reaction should be as strong as it was at first.

When I say as strong, I mean that you should measure the amount or rather the intensity of the radiation by inserting resistance until the reaction is lost. The decade resistance or potentiometer is for that purpose. In this way, you can get a quantitative measure of the degree of insulation offered by the wax paper.

One of the best insulations of Eloptic energy is ordinary black friction or tire tape. It unfortunately has something that radiates from it that is very bad for humans, so I do not use it around medical instruments.

From this, you must gather that I do not think much of masonite as insulation, or of the design ability of anyone who would use it in any kind of instrument.

What I have given you about insulations is the reason I was surprised that you were able to build an instrument and have it work the first time. I shudder to think what some who read your article and build a device may think when their's won't work. Such language.

Which reminds me that I received an inquiry from two men in Oak Ridge, Tenn., who got a copy of my patent and built an analyzer. They are having trouble and sent me a long list of questions to be answered. I wrote back for information on them and what their interest was. This can lead to a lot of timetaking correspondence and expense. That is why I asked why they are interested. They did not write on any letterhead or on typewriter. The letter was in ink but very difficult to decipher.

As of the present, I am of the opinion that Eloptic energy travels on the surface

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much as very high electrical frequencies do. It could be that it travels on 'holes' in the ether, if we can imagine that the ether or something is displaced by material things. Of one thing I am convinced, Eloptic energy is of a different order than the ether, finer probably. I believe Eloptic energy travels spirally rather than by the bunching action that characterizes the action of a high frequency current through an electrical conductor. This would make it possible for Eloptic energy to exhibit what is definitely a frequency characteristic and, at the same time, not work with any of the electrical devices.

Electricity energy can be converted to Eloptic energy because electricity can be used to augment or amplify Eloptic energy. Someday, I hope to convert Eloptic energy into an electrical current. Magnetic fields play a most important part in this work. Eloptic energy can be dispersed much as static charges can be dispersed by the action of X ray or Gamma rays, by the action of magnetic fields. Whoa! My tongue got twisted. Magnetic fields work on Eloptic energy much as Gamma rays do on a static charged ball. Now it's there, then it's gone. Dissipated. Discharged.

Take a few items like carbon, hydrogen, oxygen, nitrogen and a few others, add them together and infuse another item called a life spark and you have a nice juicy worm about 1/4 inch D x 1 1/2 inch L. Put him in an ear of corn and he will have a swell time. Remove the life spark and he will take several days to dry up and disintegrate.

Take a similar combination eating away on said ear of corn. Find by use of an Eloptic analyzer, some substance (we call it a reagent) that will reduce his vitality value to near zero. Take a bit of the shuck from the ear of corn, place this and the reagent in an Eloptic transmitter, removed many feet (e.g. 20) from said ear and worm and start the transmitter going. Then leave town. House vacant. The only one who knows what is going on is 250 or more miles away, having a good time with a lot of people and not thinking at all about the worm. Two and a half days later, the knowing ones return to find three out of four of the worms are just spots of moisture. The fourth worm when tested, shows one twentieth the vitality he did three days before. Keep him on the ear of corn while the treatment continues over night and next day, he too is a moist spot. What happened there? He did not dry up and become dust. The components were disassociated. The binder was removed or nullified. Instead of a worm, intact, he became carbon, oxygen, nitrogen etc., again. That would make a swell Astounding Science Fiction Story. It is astounding but not fiction.

It seems to me that we are manipulating the so called, binding energy that holds the electrons together in a molecule. The funny and interesting part is, the apparent

Correspondence with John W. Campbell

amount of energy required is so little compared with that required when so called, atomic energy is used, that there is no comparison. The reason for this is easy to explain. The brute force method used in atomic fission is very inefficient. When you find the resonant frequency of a molecular combination and feed this frequency into it, the amount of energy necessary to neutralize the binding effect is relatively small.

Another point of interest. So many instruments and their method of operation require that the operator be in the room with the instrument while it is operating, apparently to furnish the energy necessary. When we treated the corn ear worms while we were 250 or more miles away and they were completely dissolved, we certainly did not need to fulfill that requirement of having to supply energy to make the instrument work.

There is a lot of difference in the way different instruments operate. We are quite sure we are dealing with a form of energy that is not a flow of electrons (electricity), or a wave motion in the ether (radio like propagation), or magnetic, or heat, or light. We know that there is a great similarity between Eloptic energy and the energy involved in thoughts and emotions, and in the nerve impulses (not the electrical part set up by the chemical action). We know that Eloptic energy exhibits several different states. We can store it like a static charge; we can generate it in a manner similar to the generation of electricity; we can manipulate it by thoughts and emotions. It can be transmitted over great distances without attenuation. It can be made to disassociate the atoms in a molecule. It can and does manifest something akin to frequency, as we use the term in connection with audio or radio etc., whether pulsing or alternating.

I would refer you to a statement in my other letter in which I stated that I divide operators and their instruments into a least three general groups: those who are able to operate psychically and only use something like a reaction plate to get yes or no answers to mental questions, either consciously or unconsciously asked; those who have some psychic ability and are very sensitive operators, who require some type of instrument that will tune to different frequencies; and last, those who have little developed psychic ability, who would deny it, and who require a good instrument to do most all of their work. Most often, the one in class one never knows whether it is the instrument or himself that does the work. His work and findings are most often unrepeatable by others. The second type operator is generally the most reliable when he has a good instrument to work with and who knows that he must guard against too much interference. The last operator is lost without a really good, well built and well calibrated instrument. In your first article last October, you dwelt at length on the subject of the cost and elaborateness of some of the instruments on the

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market, how they grew and often became very elaborate. Naturally, some of those were made to sell at a very high price for the sole purpose of making a lot of money for the builder. I was not referring to this last class. I have seen some doozies, one that was built on contract for \$5,000 and the builder lost his shirt on it.

As a case in point, I have two instruments of the prism type. One refracts the entire spectrum of 90 odd elements in a pick up arc of about 30 degrees. The various isotopes are so crowded that you can only pick up one energy peak, get a reaction, at one place on the dial for each element. The other instrument is so constructed that the same band of elements are spread out over 60 degrees and we can pick up each isotope of an element without trouble.

There is a lot of difference in cost between a crystal detector, head phones radio receiver and my communications receiver with a lot of tubes in it. One cost a few dollars, the other cost a few hundred dollars. The results obtained justify the added cost, in fact, I would not be bothered with one like the cheap one.

What I am trying to say is, Please do not try to put all instruments in one bin and classify them as "Psonic Devices." As a radio man, I am sure if someone came to you for advice on buying a radio receiver, you would not tell him not to squander his money on an expensive device made by RCA or National, to save his money and buy a piece of Galena a single head phone and wind some wire on a Quaker Oats Box, unless he happened to be a Cub Scout with a project to build. That reminds me, my first license was '9 CU' issued in 1913. I went from a Ford spark coil to 1 KW on 20 Meters.

It has been nice talking to you again. Wish you would get on your horse and come to the land of bathing beauties, sand and sunshine (per the C. of C.) We could have a swell time fighting the war.

Sincerely,

Galen Hieronymus.

cc to Gross et al.

Correspondence with John W. Campbell

JOHN W. CAMPBELL, JR.

1457 Orchard Road

July 11, 1956

Mountainside, New Jersey

Dear Mr. Hieronymus:-

I've mentioned before the importance of negative evidence-- of learning from what won't work, as well as from what will.

I've got some negative evidence, and a theory that may, I think, be helpful.

I've had a lot of people test the devices here at my house. I've gotten a lot of interest among highly trained technical people, because of my magazine. And I've observed the results. Also, I've had friends of my daughters' try it. The results work out this way:-

1. The blasted thing won't work for me except on a highly erratic, unpredictable basis. I can predict, however, that the frustrating contraption will not work any time I am trying to make a test of something new.

2. Every one of the dozen or more professional scientists I've had out here has scored a flat zero. Not one of them has succeeded! This includes men from Bell Labs, Esso Research, Sperry Electronics, and several other outfits. They are real, Grade A research men, too, and have approached the problem with genuine good faith and open mindedness.

2. Kids of high school age and under have about 99% success.

3. Housewives, lawyers, doctors, insurance agents, business executives---score about 85% success.

4. It won't work for my wife, except erratically and uncertainly.

5. It works for both of my younger daughters, but best for my 11-year-old.

The remarkable fact that stands out is that it won't work for scientists! I've heard from a number of the gang that tried building it from the magazine. All of them complained it didn't work. Not one success reported to date!

Now this uniformity of observation is a predictable thing by this time; it calls for some thinking, in order to explain why precisely the type of person we're most interested in convincing shows an absolute flat, 100% no-dice reaction.

They're not resisting the idea. A man doesn't take the trouble to build the thing without some willingness to see whether it works. People don't drive down from Connecticut, through that horrible New York traffic just to refuse to try it.

They're giving it a sincere, honest test, to the best of their ability---and showing a 100% flat failure.

And that is important data.

I think I've got a clue as to why.

Some years back, Claude Shannon, over at Bell Labs, set up a computer-gadget that he called a "mechanical mouse". The top of the thing is a sort of table, on which aluminum panels can be set up to form a maze. A gadget that looks something like a

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mouse---and is, of course, the exploring device controlled by and signalling back to the built-in computer---is put in the maze, and it seeks to find the "cheese"---which is an electrode that shuts off the computer by signalling "task accomplished".

Claude was studying problems of problem-solving. The maze is the psychologist's classic problem for testing animals; he set up a "mouse" and a maze to show that a computer could do as well.

The other men at Bell Labs were, of course, amused and interested, and gathered round to experiment with Claude's "mouse" problem-solver.

One of the gang watched the performance, listened to Claude's discussion of how it worked, and said: "Say, Claude...I think I can stop your beastie here. Let me set up a maze, hmmm?"

"Go ahead---but it has to have a solution, it must be possible to get to the cheese."

"Um-hmm. Let's see....."

In about five minutes he'd switched the maze wall-panels around, and Claude started the mouse again.

Twenty minutes later, the "mouse" was still going around and around, and getting nowhere. Each time around, it went right past the opening that lead to the "cheese", but never found it.

Reason: The guy had set up a maze that was exactly matched to the search-pattern of the "mouse". The "mouse" always tried to get out of a new square first by turning left to see if there was a door that way. If there was, it went to the next square. If there wasn't, it would try straight ahead, and if still blocked, would try right. If there was no opening, it would go back the way it had come. But it always tried (1) left, then (2) straight, then (3) right, and finally (4) back where it came.

By setting up a maze in which the mouse could always find a way out of the square before it tried right, Claude's friend had arranged a maze wherein the mouse could never find the way to the goal---because it involved trying right instead of left.

You can trap the searcher if you design the problem to match exactly the characteristics of his method of searching---and arrange to lead him around in a circle.

Claude solved the problem for his "mouse". He built in a "discouragement circuit". After trying 25 squares (the table is five squares each way, so there are only 25 squares) if the "mouse" hasn't reached the "cheese", a relay throws, and, thenceforth the "mouse" always tries right first instead of left. In such a simple maze-problem, no maze can be immune to solution by both right and left-searching techniques.

Note this; philosophically Claude's "discouragement circuit" is damned significant. Discouragement does not mean "You can't do it; give up." It means "You can't ever do it this way; search for the solution in a different manner."

Our problem is this: Children, housewives, almost anybody but a trained scientist, can get results. What, then, does scientific training do to a man---or, possibly, what different kind of man becomes a scientist---that a scientist can't do what most people can?

Science has achieved enormously; it has solved problems with magnificent success, and to the tremendous advantage of Man. It's unarguable that they have a problem-solving technique of immense power and importance.

O.K.---but what type of problem so matches the search-pattern of the Scientific Method that the Scientific Method is inherently incapable of solving it? What type of maze will make this "mouse" go round and round and never get the answer?

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3. What kind of problem does true, scientific training prevent a man from solving?

If we analyse the basic characteristics of the Scientific Method, we should be able to spot the characteristic of that method that would prevent detection of the way to the "cheese". Then we might be able to specify the appropriate "discouragement circuit" that would convert the scientist to a man capable of solving the problem.

The answer, I think, lies in this: A scientist is rigorously trained---and trains himself to a strong self-discipline---to avoid injecting his own wishes, hopes, desires, or feelings into his experiment. He must determine what is there, and must not seek to "prove his point". He must conduct his experiments with absolute objectivity; if the experiment is going to disprove the theory he spent half a life-time building---why, he must conduct it with the same honest, detached, and purely-factual attitude he would if, instead, it were proving his life work.

It was the introduction of, and development, of that completely objective, honest approach that made Science what it is. It's the foundation of scientific ethics, and every scientist worth his salt accepts it deeply, and with a degree of self-discipline that few laymen appreciate.

Now what happens if such a sincerely dedicated and honest scientist tries to use something that works only if he enters into it and drives it with his own desires and wants?

Nothing, of course.

If these psionic devices are dependant, as I suspect, on the application of human purposive energies, then the scientific method gives 100% absolute assurance that they won't work. The scientist must not inject his own purpose. He must be purely objective. Which means he won't do a thing to help it! He has trained himself to a state of completely withdrawn, perfectly neutral observation-without-participation. Which is precisely what will not work in a psionic experiment!

I've had the training. I couldn't make that blasted thing work worth a damn any time I was trying to find out whether it would work. It works only when I accept-without-question that it works, and ask about something else!

These are tools, but not yet machines. A tool is a device by which a man can do something, or do something more easily, that would normally be impossible or very difficult without the tool. The tool is, however, essentially a passive device, like paper-and pencil, or a typewriter that works only when I push on it.

A machine, on the other hand, is a dynamic device; it can work itself. An oil burner is a machine. A power shovel is a machine, where a shovel is a tool.

The scientists are looking for psionic machines; devices that do-it-to-them, rather than psionic tools, with which they-do-it. The scientist makes "objective" and "passive" mean the same thing.

Suppose someone with this attitude were reporting on the first bicycle.

"I try," he says, "to have an open mind---but the inventor's claims are clearly preposterous. This device is inherently unstable; the idea that it can stand upright with a load on top is nonsense. And it has no power source; the statement that it can carry a man farther and faster than he can walk is patently foolish. Why,

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it would violate the law of conservation of energy!

"However, I got on, in the way the inventor stated was correct, and made an honest test. As could easily be predicted, it was unstable, and the whole contraption promptly fell over. And it didn't show the slightest signs of moving.

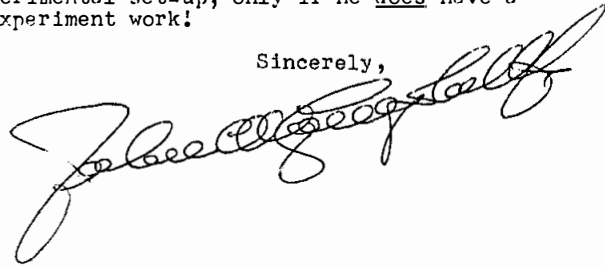
"What sort of hoax the inventor is attempting, I do not understand. He did 'demonstrate' it for us, and we were unable at that time to detect the mechanism he used for supporting and propelling it, but it is self-evident that such a structure could not remain vertical without some hidden support."

If the would-be tester of the bicycle holds it unethical for the tester to do anything himself, he'd sure have a hell of a time discovering a bicycle works!

Unfortunately, the professional scientist is in precisely such a position with respect to psionic devices. The best, most dedicated and ethical, honest scientists are precisely the ones that, you can guarantee, will not get results!

In trying to put this thing across, then, we must recognize the difficulty this introduces. The scientist holds he must not impose a motive on his experimental set-up; only if he does have a motive, will his psionic experiment work!

Sincerely,

A handwritten signature in cursive script, appearing to read "John Edgar", written in dark ink.

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2.

Mathematics tries to do that---but it is strictly a limited approach. Because mathematicians don't understand that relationship itself is a real-world entity---a "thing" that isn't material, but is real.

What I'm trying to do in ASF is to introduce little bits and pieces of new ideas---each one so small and so vague that none of them startles the reader too much. Mostly amuses and vaguely mystifies him. By the time I've been at it for six months more, there'll be a group of them that have accepted those bits and pieces without really considering them too hard one way or another. And at that point I can begin tightening up the ideas into more and more solid structures.

Now see if you can check this point: Call it psionic, call it eloptic, or call it frahmstahl-moisenbur---names make no nevermind. But there definitely is attenuation over intervals. Many of the scientists have blown their stacks over the idea that distance has no effect. Believe me, an increasing interval does have effect---only the proper measure of interval is not distance. The parameter for measurement is relevance. Relationship-separation, not space-separation.

You found, I understand, that if you were working with a photo print, and the negative was destroyed, the print didn't work any more.

Betcha: It does respond, still! BUT...it responds far more weakly. Reason: There is no longer as close a relationship between print and object as there was.

Consider the relationship "mine". I have a car; it is "mine". Does the degree of mine-ness change if I take a plane and fly to San Francisco? Distance is the wrong measure of interval for this phenomenon, isn't it? Suppose I do fly to San Francisco; the car remains just as "mine" as it was. But suppose, while there, I arrange a sale of the car with a friend, and then fly back to New Jersey. I'm now only 10 feet from the car---but it isn't "mine" anymore. However, part of the deal was that I would drive "his" car down to the local railroad for shipment to him. It is "mine-to-drive" on that trip---but the relationship of me-to-the-car now entails a link that goes "his-car"-to-him-to-his-authorization-to-drive-it-to-me.

Distance is the wrong parameter....but that doesn't mean that there isn't any interval-measure that is relevant! I can attenuate the effect of this force, whatever it is, by various introductions of irrelevancy. I suspect most of the ancient magic Charm-breaking techniques actually involved introduction of irrelevancy---the various possible ways of making the curse not-relevant-to-the-victim. I suspect, for example, that you could "sell" a curse to someone else, so that it wasn't "yours" any more. Suppose someone puts a curse on a nice, but rather weak-personality friend of mine. I get annoyed at the damned fool that's spiteful enough to do this to him, and "buy" the curse from him. Now it is "mine"---and I'm not weak. I now have a direct link to the bastard that pulled that stupid business, and can send back along that direct relationship link a charge of whatever-it-is that'll pin his ears back in a bow-knot.

Just as, if some bully starts pushing my small daughter around, he's apt to chase her around the corner of the house and run smack into me. (I have an intense antipathy to bullies; since I'm over 6' tall, and weigh over 210#, I can make the antipathy stick.)

I can properly put all the instruments in one bin, Galen. I can properly classify them all as "Psionic devices"---just as I can classify radio receivers, transmitters, Geiger-Muller tubes, scaling counters, computers, servo-mechanisms, oscilloscopes, radars, sonars, vacuum tube voltmeters, etc., etc., as "electronic devices".

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3.

Just because they do different things doesn't deny they have a fundamental commonality; they all function at the same level of reality. None of them is a mechanical-energy device, primarily, and none of them is a nuclear-energy device primarily. The Geiger-Muller gimmick is triggered by nuclear phenomena--but it's a nuclear-to-electronic transducer. The servo gadget will wind up with a mechanical-energy output---but it's an electronic-to-mechanical contraption.

What we're looking for is a psionic-to-electronic transducer, dammit! I'm all too sadly and acutely aware that we don't have an electronic phenomenon involved in this thing.

Item, by the way: Take a 3-inch scope tube. (Cost about \$3 in war-supplies these days.) Set up in an appropriate mount. Use a variable-adjustable power supply for the tube that will allow you to apply voltages from about 25 to 350 or so.

Rig so that the spot is completely de-focussed---just makes a big blur on the end of the tube. No diffraction plate connections; ground 'em, except for arrangement to bias one side enough to center the spot reasonably. (The guns are never perfectly aligned.)

Apply about 40 volts to the tube, and slowly raise that voltage, very gradually, in total darkness---or a damn good equivalent---until you begin to be able to see a glow.

The results may surprise you considerably! It's fascinating anyway.

Wha' Hoppens:- The screen end of the scope tube is glass coated with minute crystals of fluorescent material, bound on by a sort of a kind of a plastic glue. It's in a vacuum; it's dry. It is an exceedingly lousy conductor. It's such a lousy conductor, in fact, that any electron drifting up to it will get stuck, and unable to get away.

Now when you run the contraption with 2000 volts on the gun, the way you're supposed to, the electrons arrive at the screen with vim, vigor, and violence. They hit so hard they blast secondary electrons loose---which secondaries are attracted from the screen toward the graphite lining of the tube's sides, caught there, and conducted back to ground.

But at low voltages, 40-50 or so, secondaries are not emitted; the electrons arrive, and get stuck there like flies in fly-paper. Presently there's a large quantity of trapped electrons---and that means a good, healthy negative charge. New electrons can't reach the screen any more; they get bounced away by the charge already accumulated. Even at 200 volts or so, which would originally have caused secondary emission, the electrons don't arrive---because there's now about 190 volts of negative charge to slow them down on their approach. The result is that the charge sticks there, and where the very-low-voltage spot hit at the beginning, is a big, sprawling dark spot.

Try the experiment. That pattern that results is two-dimensional and is, because of the relatively low voltages involved, exceedingly sensitive to interferences of all kinds. Magnets affect it, a charged rod held near it affects it violently.

My hunch is that the approach to a psi-electronic transducer may be through this sort of phenomenon. I think we have to work with patterns, not with quantities. You see, the total number of electrons arriving at the screen need not be changed at all; no energy change is required. We simply shift the place of arrival, and get a clearly visible difference. We shift the relationship, without shifting the objects.

By the way, the reason for dwelling on cost and elaborateness of some of the gimmicks in my "Science of Psionics" editorial was somewhat tricky. Tell a man "You can't afford to do this," and he'll resent it. Warn a man that getting started on a thing is dangerous

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because he'll get addicted, and he'll deny that he's so weak-willed. He's very apt to set about doing it to prove to himself and to you that (a) he can to afford it, and (b) he can to stop when he wants to.

Look, my friend...what do we want 'em to do, huh?

Besides which...if you think I'm a liar, aks yourself this: How much has this work cost you? And why haven't you quit, huh? Remember, I didn't say it wasn't worth the cost and the addiction; I simply stated that cost and addiction to the research were highly probable.

There's an old saying, "He was warned agin the woman, She was warned agin the man, And if that don't make a weddin', Why, there's nothin' else that can!"

Tell a man, "You can't!" and watch him start trying.

Item: You'd be surprised how many psionic devices have started coming out from behind the weeds. Friend of mine at White Sands Proving Grounds has suddenly started discovering that dozens of the boys there have psionic devices they've been working on privately---and secretly, so they wouldn't be jeered at. Now that ASF has revealed there is such work going on, and that there are patents....the boys have started talking to each other.

One of the best is an omija board. The rocketeers have, for years, been trying to predict the point where the rocket will land when it falls back. Their best aerodynamic, physical, and what-not theories, worked over on huge electronic computers, scored about a 10% correlation. One of the boys, as a gag, brought in an omija board. From the start, they scored 80% correlations---including an accurate prediction of the failure of their nice, new \$50,000 Aerobee.

Need I mention that the engineers are loseing hair by the handful?

Incidentally, my definition of that "life spark" you mention is "purposeive force". Inorganic matter doesn't give a damn; living entities do.

Suggestion: You know some chemistry, that's for sure, but I dunno how much. The chemists have 100% effective, reliable, and mechanically-sure wayse of analyzing for the elements. The mineral analyzer, therefore, doesn't mean much to 'em.

But analyzing organic compounds drives them nuts.

Now it just happens that I can't get reliable results on the analyzer myself; I have to get my small daughter to make reliable tests for me. Child labor laws being what they are, Esso Refinery Research isn't going to get children to run their analyzers...unless they have an extremely good reason.

Now one extremely good reason would be a device that could take a sample, and analyze it for organic structure. How many double bonds, how many ketone linkages, how many hydroxyls? Does it contain glynine? Aalanine? Is there a cystine linkage between chains? Is the hydroxyl in the meta or the ortho position?

I have a hell of a strong hunch that one of the step-switch type jobs could be adapted to do magnificent complex-organic analysis. And that, believe me, would make the most hard-bitten protien chemist turn eagerly to the intensive study of ouija boards, pendulums, aeromancy, ailuromancy, necromancy, or any other -mancy that he thought might, once in 10,000 trials, work. It takes great laboratory staffs, working in teams, years and years to analyze even simple protiens.

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5.

You see, I'm an exceedingly lazy cuss; I hate having to compete with anybody. I invented this job of science-fiction editing as it is now because I didn't have to compete with anybody in this work.

I don't believe in competition. Don't like trying to do what the other guy can already do pretty well. I believe the way to live is to do what the other guy knows for sure is impossible. Then he won't compete with you.

Your diagnostic machine got into a lot of trouble; you were competeing with the boys who thought they already had an answer that was good. (It is, too---if you have enough fancy equipment and laboratories.)

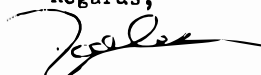
Your mineral analyzer is competeing with gadgets that do the same job, and are all worked out and perfected, and don't require any new kind of learning.

But there is no device that can analyse an organic compound, even in a half-ass way, without years and years of laborious work. They don't know the actual structure of haemoglobin, for instance. There's no one who'll resent your pushing him out of business. There's nobody in that business, except some chemists who wish to God they could escape the damned labor and futility and dissapointment.

Everybody's always willing to let somebody do a job they want done, and can't do, or loathe doing, themselves. Even if you got success only once in 20 tries, they'd love you dearly.

And if you can alter things with your treatment machine.... betcha you could alter things in organic chemical molecules.

Regards,



p.s. Reminds me of a fellow out in Henry County, Ohio, I used to know. He owned a couple dozen of the finest farms around, made a lot of money, and had no competition. He was the only man around who cleaned out cess pools; the farmers who were pretty hard up would hire him to do the job they didn't want to do. And nobody was trying to take his job away from him, or to stop him.



The Story of Eloptic Energy

October 6th, 1956.

Dear John:

Your manuscript, "UNPROVABLE SPECULATIONS" was sent to me by Col. Gross this week, and I would like to make a few observations regarding some of your statements.

I have labored long to try to separate the chaff from the grain in this great field of the unusual. Like you, I have tried several devices such as the Drown, in fact, we have experimented with dozens of such devices over the years. Some had real merit. Others were plain fakes. Some were truly psi devices. Others were more "down to earth." You classify ALL devices as psi. I divide into classes.

Not too long ago, a person with rubber soled shoes, a wool suit, in a dry atmosphere could walk around, generate enough static electricity to produce a spark when touching another person and they were SUPERHUMAN, out of this world people. Now, today, when we have learned some of the (then unknown) laws of static electricity we understand a little more and do not consider the individual as being other than normal, who does such things.

The same applies to these devices which you have dumped all together and labeled psi machines. I have worked with some of the most amazing machines in the thirty-five years I have been interested in this phenomena. Please do not get me wrong. I do not set myself up as an authority on the subject. There is no such thing. At the same time, I do not think the title Amateur is correct. Let's just say that some have had more experience in the study of the subject than others. Of those who have had lots of experience, many are not good observers. A person who has operated a device for many years, doing the same thing over and over, day in and day out, not changing a thing, just doing a job—that person in my book would not be "experienced," but just an operator.

In an earlier letter to you, I tried to get over the idea that there are at least three different classes of people operating these devices. Some have the ability to take a reaction plate, such as we use to get tactile reactions, ask questions verbally or unconsciously, and successfully analyze a material or diagnose a case of physical trouble in a sick person. Others, in a hypnotic or semi-hypnotic state, can do it without the reaction plate. See "EDGAR CAYSE" by Joseph Millard, a gold medal book just out, \$.35 in the drug store. I have personally seen some of these operators in action. They can take a box such as your contraption, "with nothing in it," and do miracles with it. There are others who can take a "properly" built instrument and do "miracles" with it, but cannot do a thing with devices like the "empty" box.

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I agree with you on the subject of Symbols and Magic. I have seen too much in my lifetime to say otherwise. Take the case of some very "sensitive" people, who can say, "Write your name on a piece of paper, let me hold it in my hand and I will answer the question in your mind." Then they proceed to do just that. I come into the picture and say, "You do not need a signature on the paper, all you need is for the other person to make a few marks, just scratches, on the paper," The mind reader says, "I don't know. I never tried that." When it is tried, it works just as well as the signature. Why? When the subject scratched a few marks on the paper, he left a "specimen" of himself on the paper. The operator could then take that piece of paper, hold it in his hand, and he was in "contact" with the person and could successfully read the mind of that person. This could be done, even if the two people, the one who wrote the marks on the paper, and the operator who read his mind, were thousands of miles apart.

Now I enter the picture again. After successfully reading the mind of the subject, the operator hands me the paper. I also write scratches on the paper. Now the operator cannot separate us but gets the thoughts of both the subject and myself. Again a new piece of paper is used, the subject again puts marks on the paper and again the operator is able to read the mind of the subject. I take the paper, subject it to a strong magnetic field, expose it to strong ultraviolet light or X-rays and hand it back to the operator who finds the paper "blank," that is, he no longer can read the mind of the one who put the marks on the paper.

What happened to the potency of the "symbols" (marks on the paper), and the Magic, (ability to read the mind)? Just this. The contact has been broken. The operator is no longer in "contact" with his subject. Another piece of paper and a few marks put on it by the subject and the operator is back in business again and can read the subject's mind as before.

Now, let's try another experiment. Have the subject take two pieces of paper. He puts his mark on one piece and marks it No. 1. He does a similar piece and marks it No. 2, being sure to do the No. 1 piece first and the No. 2 piece LATER. We put the No. 2 piece in the hands of the operator and he can easily read the mind of the subject. We then put the No. 1 in his hand and again, he reads the other's mind OK. Now we put the No. 2 paper in an empty coffee can or other metal container. Now the operator finds he cannot read the subject's mind. They are isolated again. Just as soon as the lid is removed from the can, contact is again made and the mind can be read. What have we done?

We have uncovered a law of behavior of the energy that we have been manipulating. Make no mistake. This is no more Magic than was the generator of static

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electricity a few years ago, a SUPERMAN. May I quote from a book by one of my favorite writers of, what is popularly known as fiction, Talbot Mundi's "Full Moon."

"Ye who are proudly intellectual declare with scorn that there is no such thing as sorcery. Like bell-weather, that again and again unharmed have smelt the shambles, ye mislead multitudes. On your heads be it, ye who know so much, yet know not how, for instance, courteous and kindly men are maddened to make war on one another; or how panic is imposed upon the bold and generous. Ye admit ye know not. Chemistry and electricity were sorcery aforetime. Was sorcery then in those days nothing, until a few enquired into the secrets, and then many learned and it became not sorcery? Is whatever ye know not, therefore nothing? Superstition is fear of unknown forces. Sorcery is the use of unknown forces. Unknown forces are the means by which a few deceive a multitude; and ye proud mockers of the ignorant, who say that sorcery is nothing, ye were better busied seeking what it is, instead of lazily neglecting to destroy that veil of ignorance behind which sorcerers, I tell you, labor vigilantly." From the second of nine books of Noor Ali.

Instead of talking about mind readers, let's get back to Eloptic energy. You can do what I have just outlined, using your device and someone who can operate it, to take the place of the mind reader. Be careful of one thing in handling specimens. If someone places marks on a piece of paper to make a specimen and another person handles that paper, the later will get perspiration on the paper which means that the paper has the specimens of both people, and the slight moisture might be a stronger specimen than the obvious marks, which are not too good.

Let's take another example. A friend, Newt, has his wife in the hospital, having had surgery. Irene is in considerable pain. The pain dope appears to cause more harm than good. The doctor suggests he could "try" two other drugs. Newt is quite sold on our approach to such things so he brings Irene's specimen and the three drugs for test. We find that the one they had been giving (we didn't know which one it was) was very bad for her. So was one of the others. However, the third drug tested OK. The doctor at the request of Newt, changed to the one we found to be best and Irene snapped out of her distress but quickly.

Another case. My daughter called from Kansas City, about 2000 miles away. She has one of our treating instruments but had not used it for quite a while. We wanted to check it to see whether she could use it as the granddaughter was sick. We took a specimen (several years old) of the daughter and tested for certain things. While still talking on the phone, we had her start treating herself on her instrument and a recheck here, showed changing conditions, indicating that the treating instrument 2000 miles away was functioning correctly. What happened?

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If I subject the daughter's specimen to a magnetic field, there is no longer any value to the specimen. It acts as if it were never a specimen. Why?

All this adds up to the drawing of some conclusions. When a person makes a specimen, by writing on a piece of paper, by being photographed, by putting a little saliva or blood or perspiration on a piece of sterile paper etc., he has taken a little bit of himself and separated it away from himself so far as appearances but actually, it acts as if there were a telephone line running between him and his specimen. If we take a photograph of a person, then make a print from the film, we find that either will act as a good specimen. If we put the film in a metal box, then the print loses its contact with the person and is not a useful specimen of that person. When we remove the film from the metal box, instantly, the contact is restored and the print is a representative specimen of the person again.

Now, I would like to discuss the item of RADIATION with you. From the foregoing, there is no question of radiation, it is simple conduction, along what has been named, Aka threads, by the Kahunas. The amount of energy necessary to send an impulse via Trans-Atlantic cable is as nothing compared with the amount of energy used to radiate a signal that distance, especially over static and QRM and QRN.

If you will take that piece of type metal you wrote about, tune in 45 and get a reaction on your device, then take the type metal out of the pickup well and move away from the instrument, you should lose the reaction at the plate. Then, with the operator still feeling for the reaction, start moving the metal closer and closer to the pickup coil, you will reach a point where the reaction is again felt. Try this several times and you will find that it comes in at about the same distance away each time. This indicates the distance the energy radiates from the specimen of type metal. If this is tried for several different metals, you will notice a difference in the radiation distance for the various metals. I have an instrument so built that it is selective enough to be able to pick out the various isotopes of each element. Some of these isotopes have a radiation distance of up to two or more feet, while others have a radiation distance of not over a few inches. This is RADIATION.

Take a piece of black Bakelite, just a strip half an inch wide of eighth inch panel stock and a couple of feet long. Place one end against the pick up coil and place the metal specimen at the other end. You should find that the black Bakelite does not seem to conduct the Eloptic energy. Now the black Bakelite is to be removed and a piece of brown Bakelite such as is used to punch out decks for rotary switches, put in place. The brown will show conduction of the energy.

If brown Bakelite is not available, try one of those nice varnished yard sticks your

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wife probably has around. Stick a short length of wire a few inches long, into each end of a two foot long piece of plastic tubing used as insulation around your lab. Try this the same way as a conductor, by placing one wire (end terminal) at the pickup coil and the other out away from the pickup coil. Some plastic is good insulation and some is a conductor.

Take a roll of ordinary friction tape, the black rubberized cotton tape kind such as used in earlier days by house wiring electricians on joints over rubber tape. Pull a length of it out from the roll, fold it back and forth sticking it to itself at an angle so as to make it into a sheet about two inches bigger each way than your pickup coil box, all tight pressed together so, when placed over the pickup coil and a gold ring as a specimen, energy from the ring will have to pass through the tape, or go several inches around. Note that the cheap black rubber friction tape is an excellent insulator of Eloptic energy. Try two or three thicknesses of wax paper the same way. A few tests like this will convince you that there are conductors and insulators of Eloptic energy and that symbols are not at all involved.

Take a small metal can such as 35 mm film comes in, with a screw top. Place a piece of metal such as gold (anything you have a test rate for, and other than aluminum such as the can is made of), in the can and place near but not on the pickup coil. You should be able to pick up the radiation of the gold through the can, the latter acting as a conductor of the radiated gold energy. After finding that the energy of the gold is easily picked up, then with the can in the same place, run a ground wire from the can to the chassis ground. All gold energy will have gone so far as picking it up with the pickup coil. It is shielded and conducted away.

I believe you use a 45 degree prism and an eighth inch diam. pickup electrode at the emergence side of the prism. Note the angular difference between where you pickup two elements that are wide apart in the atomic scale such as Chromium, No. 24 and Bismuth, No. 83. Change to a 20 degree prism instead of the 45 degree and again try it. You will find that the angular difference is greatly expanded, that is the angle between where you get a reaction from the different elements.

After you have done a few experiments such as outlined, you will have uncovered some of the laws governing the behavior of Eloptic energy. I almost overlooked telling you the fact that I use half mill thick electrodes, not eighth inch, and a slit the same width. If you like, I will send you two electrodes. They are half mill foil blocked in between Black Bakelite blocks for support. My prisms are 20 degree and the input electrode is at 19 degrees angle of incidence. This makes for the very wide angle through which the various elements radiate from the prism, nearly 60 degrees. You probably get a band width of only 30 degrees or less.

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Now about the use of power. I built dozens of instruments without any power of any kind and they work well. The reactions are harder to get. I used chemical amplifiers. They help a lot. The Drown instrument uses no power. I built instruments for sale to doctors for several years. I had too many doctors who had spent \$2000.00 for Drown equipment, put it aside and spend a like amount for my equipment because they could demonstrate that they could get in fifteen minutes treatment with my equipment, what it took eight hours to do with the Drown equipment. I didn't kid anyone. I required a week schooling at my laboratory for doctors who wanted to buy one of my analyzer-treating units. They paid \$1945.00 for the instrument and never questioned the price. They knew what they could do with it. I did no advertising. A doctor would get one of my instruments and go to work on his patients. His doctor friends would note the results and he then wanted one. They were not kidding themselves. They wanted results. They got it.

Another little experiment in connection with radiation. Take a small piece of wood, a couple of inches square and half an inch thick, it is not critical, with no nail holes or other metal around. Set the analyzer at your 45 rate, check to get the right place to pick up your type metal. Remove the type metal but leave the instrument set as it was. The reaction should quickly disappear, with the metal gone. Now try the piece of wood on the pickup coil. You should not be able to get any reaction from the wood with the instrument tuned for lead, or whatever it is set for. Again put the type metal back on the pickup coil, and again you will get a reaction. Now, place the block of wood somewhere away from the pickup coil and place the type metal on the block of wood. Leave it there for a few moments. With the operator trying and getting no reaction from the plate, quickly dump the type metal off the wood and place the wood block on the pickup coil. Your operator should get a reaction for a few moments and then the reaction will die out. The wood picked up and held for a while the radiations from the metal.

Try this a different way. With the type metal on the pickup coil, adjust the analyzer so your operator gets the usual reaction. Leave the instrument set at that prism setting and place the wood on the reaction plate where the fingers were. Leave it there a few moments. Then remove the type metal and put the charged wood block on the pickup coil and you should find a strong reaction of the metal rate in the wood block.

Take a test tube of water, distilled preferred. Check the test tube and water at the type metal rate and you should get no reaction. Duplicate the last experiment using the instrument set at the place where you get a reaction when the metal is on the pickup coil, have the metal on the pickup coil and the test tube of water on the

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reaction plate. Leave it a few moments and the water should show the same reaction as the metal when the water is on the pickup coil. The water should hold this effect for a long time, indefinitely.

After this experiment has been successfully done, pass a magnet over the test tube of "charged" water and see if the "radiations" that had been implanted in the water have been "blown out." We have done hundreds of thousands of experiments during the thirty-five years we have been exploring the possibilities of Eloptic energy. I used to jump at conclusions too quickly, but hard knocks and the boomeranging of some of my statements, have made me more cautious.

There is one of my prism type analyzers in New York. Arthur Young has one. I believe you have met his operator, Frances Farralley. She is a friend of Ed Herman. She might allow you to see it. You might contact her if interested. The address is 35 East 75th Street, New York 21, N.Y.

Just read the first page of your article again. I have a 19 degree plexiglass prism, black plexiglass, that works well. I built a number of instruments with clear plexiglass prisms. They work well except that temperature will change the characteristics and the exact dial setting for a particular element will change from time to time, just what should be expected from such a material. Also, a friend of mine in Los Angeles has a French analyzer that uses silk cords to run from the patient to the analyzer. They conduct the Eloptic energy very well. Better look over your instrument that "has nothing in it" again. There might be something in it after all.

We have analyzed some symbols and found them very potent. We have analyzed some symbols before and after they had been "blessed" by an Episcopal minister friend. The difference was very marked. Symbols CAN have power.

Sincerely,

T. Galen Hieronymus.

Correspondence with John W. Campbell

JOHN W. CAMPBELL, JR.
1457 Orchard Road
Mountainside, New Jersey

October 16, 1956

Dear Galen:-

I am not, and never will be, the experimental investigator you are; I'm largely a theoretician. When I do experiment, it's generally on a basis of "If this theory of mine is valid, then X should happen when I do Y under conditions A,B, and C, but not under condition D." My work is largely confined to figuring out theories, and then making experimental cross-checks, plus seeking out specific data for theoretical analysis.

I need your data; I'm not a good experimenter, and I know it. Two heads are no better than one....when they're both the same kind of heads. "Two minds with but a single thought" is the result of two heads that think the same way. Two heads are better than one when they think in different ways.

I can give you an exact term for your status; nobody can be a true "professional" in a field that's still as indefinite as psionics now is; neither is it proper to make no distinction between a man who has just started diddling in the field, and someone who's spent many years working at it. There's a perfectly good term, however, and it applies; you're neither a professional, nor an amateur---you're an artist. An artist is a professional, highly skilled worker in a field that has not yet been reduced to a formulateable, defineable system. Such work is known as an Art.

My friend, this field has long been known as an Art, anyway; the one trouble is the slight left-over semantic hitch that it was known as the Black Art.

The reason people don't like Arts these days is quite understandable; throughout history it has been held that the Artist works for the love of his Art, and shouldn't be paid for it. This stems from the fact that noone who doesn't have a built-in, practically inescapable compulsion toward doing the darned job would undertake such tough, unrewarding work. Since such a man is going to do it anyway, by reason of his built-in compulsion, why....why pay him? You can get him to do it for nothing, because the poor slob has to do it anyway.

You're quite right that you're not in the business to make money; believe me, you won't....so long as it's an art.

My own field of Art, writting, took centuries to get into the class of Business. I'm an Artist; like you, I've spent years learning by experiment. It's a psionics field in itself, you know; the Art of making someone want to understand something he hasn't the slightest desire to understand. The Art of making someone want to stop and think about something, when he doesn't have to, to make a living.

My specialty is making people interested in something they "know" is "imaginative nonsense". You think I haven't had years of practice at that? Hah! We were working out the problems of nuclear energy in 1935; the problems of space flight in the '30's and '40's to such an extent that's all old hat stuff for the magazine now.

The problem is of a totally different order from the area of problem you're working on; You're working on "How to make it work," and doing nicely. The problem I'm making my principle effort on is "How to make people believe it works."

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You have, long since, learned that being able to do it isn't enough---it won't get you anywhere. The problem is to make someone believe you can do it. In solving that problem, actually being able to do it helps, but isn't necessary.

That last statement is perfectly correct as it stands; actually possessing the claimed ability helps to make people believe you have it, but is not necessary. That fact has been demonstrated a million times in history; that's why it is, now, so damn difficult to make someone believe you have it when you really have. The old business of the boy crying "Wolf! Wolf!" The confidence man operates entirely on the proposition that belief is essential, but reality isn't, when it comes to making a sale.

Now part of the problem with getting psionics over is that it's almost impossible to reach the minds of the top men in any field. One part of that difficulty is that it's damned hard to find out who the top men are; they hide like crazy. Dr. Thomas Q. Jones may be known as The Authority on Whatchamacalology ---but Dr. Jones is a Grade A stuffed shirt, and knows he is, but very carefully watches Dr. Dick Smith, one of the practically unknown boys in the backroom who's been calling all the right turns for the last dozen years. Dick's real happy that way, too; he loathes wearing boiled shirts at fancy banquets, and wasting time on committees when he could be in a good bull-session with the gang, working on the problem.

Col. Gross flopperoo with Dr. Vannevar Bush is an example; Bush is one of the most finely stuffed shirts in science. The way such a man stays in business is to be very careful to watch what the back-room gang who do the real thinking are doing, and not making any original statements of his own.

The admittedly second-line men in any field don't make original statements; that's why they're second-liners, of course, but it's their uncanny ability to quote the right authority at the right time that got 'em up from third-line.

Neither the Front Man, nor the second-liners are going to do psionics any appreciable good; we need the real, genuine, backroom-front-line men, who don't attend the banquets, but tell the Front men what the score is.

Claude Shannon, who is, now, at M.I.T., is the real, genuine, front-line man in the field of Information Theory---which is the fundamental theoretical work on which 90% of all modern automation, cybernetics, computer design, and communication equipment design is based. In practical, effective work, his formulation of Information Theory has been far more important than all Einstein's work. But you'd have a hell of a time finding Claude; he's a backroom boy who avoids the banquets like crazy. My friend John Pierce had to practically trap him into attending an IRE dinner under false pretenses so they could award him the annual prize.

Claude's interested in psionics now. (He's an ASF reader, and has been for years.) He wants demonstration of repeatable effect. And he isn't kidding.

He is, as I say, one of the backroom gang who are the real formulators of science. (He's currently engaged in work headed toward building a computer that can recognize patterns, by use of non-logical analysis! He needs, he figures, at least 1000 sub-systems, each having a minimum of 1,000,000 relay-switch units. He isn't kidding on that, either; he's got the cryotron now, to work with. They expect to be able to produce them by a modified printed-circuit technique, getting about 1,000,000

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working relay-switch units per square inch of surface. Since each unit is made of moderately pure tantalum and good grade niobium, each metal being tough, strong, and malleable and extremely corrosion resistant, and the entire system works in an environment of liquid helium, the service life of each relay-switch unit is in the order of trillions of years. Even multi-million unit systems will be reliable with that sort of system!)

Shannon wants experimental data, and wants to see things work. His gang won't give you the "pish-tush" treatment; they're the ones who everybody else watches to see which way science is going to jump next---and they don't have to watch what anybody else thinks of what they're doing. Therefore they're completely free to evaluate, without fear of being considered out of line. Hell, they make the line!

When, and only when, you reach people at that level will your communication be unhampered. Let the news get out that Claude Shannon and his group are interested in the Hieronymus machine, and every major technical school in the country, plus half the major scientific research industrial labs will start looking frantically into the subject.

That's a Grade A communication channel.

Nelson of RCA has the required free-investigating mind... but he has orthodox bosses who report to David Sarnoff. Shannon doesn't have bosses.

Your letter was wonderful stuff; it's damned good, and needs to be published. When I was up at MIT a couple weeks back, I talked to the science-fiction club up there. The Psychic Society group at MIT was meeting a week later; I was told that three members of the Psychic Society of MIT had built one form or another of the Hieronymus machine, ASF version, and that all three would be on display.

Now: To date, I've gotten damn few reports from the field. I haven't heard from readers who built one.

I want some data on experiments.

How about doing us an article, about 5000 words or so, describing simply the sort of experiments you discussed in your letter to me? We pay up to 4¢ a word, which may not be a critical inducement by any means, but is useful.

It's not advantageous, at this stage, to assure the readers that you know what's going on; it tells them that there's no room for originality---it's all cut and dried, and only clerical work of filling in the details remains. That's disadvantageous for two reasons: 1. It ain't true. 2. It encourages the type we need--the true, original thinkers---to go elsewhere.

Let 'em know that there are experiments, that can be repeated according to specific instructions, and that the whole field is a Unknown Area, wide open for explorers with new and original concepts. That's the bait the true experimenter needs; a place to start from, a direction in which to go, and absolutely nothing in the way of maps of the area"out that away."

The approach I used in my psionics editorial, and in the subsequent articles, was based on that idea; the degree of response they've evoked indicates they've worked fairly well, so till that method stops working effectively, let's use it.

At the Science Fiction Convention, last Labor Day weekend, I gave a talk on the psionics machines, and had the original and the symbolic machines on display. A lot of people tried

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them, and a lot had success. One of the most important of all the discoveries made, so far as I was concerned, was one that may be new to you, too.

Randy Garrett, one of the authors, and a professional chemist, was the first professionally trained scientist to get good, solid results. Tom Scortia, another professional chemist, and another of the writers, also tried the machine, but got no results. Tom and Randy have been friends for some years; Randy suggested trying it together. So Randy tuned, and stroked the plate, with Tom's fingers interlaced with his. This time Tom felt the tacky effect with his own fingers!

Apperantly, when a successful operator interlocks fingers with an unsuccessful one, the non-operator can feel the effect too.

Thereafter, Tom could tune the machine quite accurately.... but in a completely cockeyed manner! Still no tacky feeling--- but he could tune to 45 on the nose, tuneing entirely blindfolded, and did so five times running---by tuning to the point at which he felt absolutely sure the whole thing was impossible nonsense, that simply couldn't happen! The intensity of his doubt-feeling reached a sharp peak at precisely the correct setting!

One of the girls who tried it, incidentally, tuned very accurately and consistently by turning to the point at which her fear reached a maximum. Each effort left her shaking and quite indefinably terrified.

When I gave my talk on psionics at the Convention, dozens of people kept pushing forward with questions of the "Have you tried...." type. Everybody had experiments they felt should be run.

The reason why I'd like you to practically duplicate your last letter, but in article form, is that it lists a series of specific experiments, with specific predictions of results.

If you add the one about interlocked fingers making it possible for A, who doesn't get results to feel results when B, who does, strokes the thing, I think even more experimenting will result.

Just today, I worked out one additional reason why there is such violent resistance to psionics in our culture. (And note that it is unique to our culture, and ours alone!)

Evidently, these psi phenomena are natural powers of the human entity---with the usual variation of magnitude expectable in human characteristics. (Plus a somewhat greater ratio variation; the ratio between 0 and 1 is infinity; the ratio between 1 and 2 is only 2---yet the absolute quantity difference is equal. Some human beings, I suspect have just about zero psi power; it's a matter of evolution. Our race, like all others, is still evolving, you know.)

Now the use of any natural ability is very easy, satisfying, and automatic, while the process of learning a non-instinctive ability is damned hard work, and since it frequently involves the inhibition of a natural ability, not at all satisfying.

Intuition is a natural, instinctive ability; it's the ability to abstract a general law from a collection of data. We have no describeable way of doing that, incidentally---yet it's evident that even small children do it, and do it well. How else could they learn to talk?

Logical thinking, however, is not an instinctive ability; it's something the individual has to learn---and it imposes severe limitations on his intuitive thinking. A lot of times, logical analysis says to intuition, "Oh...yeah? You were so darned sure, were you! Phhoey to you, friend!"

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Take a look at India, however; they've been using psi and the psi abilities for ages. Yup---and dying like flies from filth, abysmal ignorance, and lack of self-discipline. They've got some wonderful thinkers over there; no doubt about it. But they've done the human race as a whole remarkably little good. Sure, Buddah contemplating his navel may have done great things toward saving his soul....but the Holy Man contemplating his navel isn't doing a hell of a lot for anyone else, is he? Selfish son of a bitch, ain't he? What's so darned great about possessing your own soul in peace, huh? "God", at the local nuthouse, has achieved that, hasn't he?

They may well have achieved something of immense value; so what? They couldn't communicate it worth a damn.

Why are you, and Armstrong, and the rest of the psionics people here in the West so frustrated? You're able to get results, aren't you? Possess your soul in Hindu style peace, contemplate the wonderfulness of being you, and sit on your tail in the public square the way they do, why don't you?

Go on...try it!

But you can't do it, can you? You've been tricked; you can't do what the Hindu Holy Man can---because you're the result of some 2000-odd years of selective breeding to produce a type of thinker who can't crawl off in a hole and say "To hell with the rest of the race!"

Just about 250,000 Englishmen licked the bejayzus out of 250,000 Hindus, when England took over India. How come?

The 250,000 Englishmen were the result of a selective breeding system that selected for a deep, driving urge to act as a team. It started with the Greeks and Romans; the Roman Legionaire fought "for the glory of the XII th Legion", and not as an individual warrior; the barbarians who died before the Legions died because each barbarian fought for his own personal glory.

If you're fighting for your own glory, you can't let three other guys help you defeat this big bruiser; you have to do it all alone. If you're fighting for the Legion, however, all other Legionaires are welcome.

For 2000 years, every barbarian, fighting-for-himself type in Europe was a sucker for a team---and there were teams running all over the European area.

After millenia of that sort of selective breeding (the Legionaires naturally raped the barbarian women, after the barbarian warriors had been killed off; the winners always breed, while the losers don't) Europe produced the Spanish Conquistadores. In Mexico, the Aztecs were still using the old, old barbarian tactics, and the old, old, "I'm for me!" philosophy. So 300 Spaniards licked the bejayzus out of 20,000 Aztec warriors in one battle.

How many pounds of beef does it take to defeat 10 pounds of meat-grinder? The atoms of the steel are locked close and tight, and act as a single, tightly-coupled teamed-up unit; the loose molecules of the beef don't.

The Spaniards did not win because of horses, or armor, or guns, either; the Aztec armor was better, as a matter of fact---the Spaniards adopted it later on! Horses aren't much good in battle; only for scouting. And they didn't have enough powder and ball to make their guns mean much. They won because they were the hard, rigid, driving, tough product of over 2000 years of selective breeding; only the toughest individuals, capable of the closest teaming up in the face of the enemy---whatever they may have felt toward each other otherwise!---had survived those millenia.

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6. They weren't team-men simply by logical-intellectual choice, by that time; it was bred so deep in their blood that they had to team up.

Now you, descendant of that same long, harsh, and implacable selective breeding process, go try doing like a Hindu Holy Man. You can't! The team-up type won, and won and won; it's a way that worked. It defeated India at the physical-action level centuries ago; Ghandi, in his desperate effort to reject westernization was trying to defeat the British at the deeper level....and he lost. The team concept is winning in India now; the Holy Man and his ineffable selfish egocentrism is losing again, as the individualist-barbarian lost, centuries ago.

It's a damned rugged system of improving the breed---but it works. There's the old comment, "I suggest you learn to enjoy the inevitable."

O.K.---our culture, a few centuries back, went off on another experiment. The team suppressed the individual's natural-instinctive egocentrism---and made of him a greater, more powerful, more effective individual who was a member of a greater self-system; The Team. (It's the essence of the "brotherly love" concept, actually; it isn't to be forgotten that brothers will fight for each other against a common enemy.) The new experiment was the suppression of the right to use psi powers.

By suppressing the right to use psi, only those individuals who could use logic would be able to achieve effective thinking.

Once, Europe bred for a team type of human being; recently Europe has been breeding for a logical type human being---and that required the rigid suppression of psi-type thinking.

Reason: Logic is, by its nature, communicable. I can teach you logically; I can't intuit for you, or show you how to intuit. Difference of intuitive process tends to break up teams; logical communication allows them to hold together, and to work together.

For the good of the race, psi powers had to be suppressed until they could be made communicable.

The difficulty is, that the reason why they had to be suppressed has now been forgotten (and was never consciously known) and that constitutes a block to the development of communicable psi.

So long as psi is a purely-individual thing, psi is an anarchic force, a culture-destroyer. When science was secret-science, it led to wars of conquest. (It would again, if the politicians could ever achieve secrecy; fortunately they haven't got a prayer.)

The long history of anti-psi is founded on a longer history of psi forces being used to break up cultures. The group can't punish the magician, but he can punish them. You've got a death-magic machine; suppose you use it to murder a man in New York. Who can prove it? How can you be punished? How can an organized group exist, when there are individuals who can't be organized and controlled by the group?

(Yeah, I know there's an answer to that question---but no logical answer! And most human beings---the normal human being---simply hasn't achieved even an adequate level of logical development and evolution. To him, it is true that the reason people don't steal or murder is because they will be punished. To such a mind, the idea of being made immune to all external punishment means absolute freedom to do anything he wants, and naturally he would, and naturally, he knows, anyone else would. Ethics as a real power in the Universe doesn't exist to him; he can't see that it exists for anyone else. Therefore, if his power to punish some other individual is rendered zero, he must be in deadly

Correspondence with John W. Campbell

7.
fear of that individual....and he is!'

Psi is safe for therace only when psi powers are strongly coupled with ethical restraints. History indicates that they weren't ---particularly during the Dark Ages. You don't get a tough, hard, driving race of people like the European tribes of the Dark Ages that scared, for that long, without something most bodaciously potent to be scared of. There were magicians, and they were unethical, and the raised as fine a demonstration of Hell on Earth as you could ask for.

In the primitive tribes, the magician is controlled by Ritual and Taboo---which apply as strongly to him as to any other. But in the non-tribal culture, ritual and taboo are banished; then the magician is free to do anything he can.

The shape of the history of Europe suggests that he did.

There's a difference between being smart, and being wise; I suspect there were a bunch of smart, but unwise, magicians having themselves a hell of a time.

How would you like a bunch of juvenile delinquents with psi powers loose on the scene? Halloween....with the McCoy at work!

There's plenty of good reason for the deep suspicion of psi, and the powerful injunction "Thou shalt not suffer a witch to live!"

We're bucking that. We're also bucking the foggy-headed mystic who goes around in the happy, rosey delusion that the possession of these powers automatically assures that they will be used only for good. They wouldn't be; they'd be used for carrying out someone's pet idea---to the futile horror of the victims thereof. "Arsenic & Old Lace"---with psionics, let's say. If you haven't read the play, it's worth it.

My mother always knew she was a sweet, kind, generous, gentle woman, who was constantly resisted by selfish and mean-tempered people. My mother was a brass-tailed hellion on wheels, as a matter of fact. I have the greatest suspicion of rosey-minded mystics who know that only good can come of it; my mother would have agreed so warmly, and so happily swung to the task of making her ideas go over via psionics. She was the type who wouldn't think of killing someone who she considered un-nice to her; she'd afflict him with assorted plagues until he admitted she had been right in the first place, and thanked her for making him see the error of his ways.

The race has every reason to suspect that psionics is dangerous. It is. Torquemada tortured people only for the best of reasons; to save their souls for them.

That, in essence, is why I have most carefully stayed away from discussion of any of the psi machines that have action effects; the therapeutic machines fall in that class. The detection machines are not action devices, but sensing devices---eyes and ears, not hands and feet.

This culture accepts the need to know, to learn, to find out; hence there is no great opposition to any sensory device. Particularly, any device for sensing physical-inorganic phenomena is acceptable; that's in line with microscopes, telescopes, radio receivers, etc.

In the article, stay away from personal-sensing points; telepathy means invading the individual's privacy. Stay away from personal-affective systems; no therapeutic devices, and the like. You can do anything you want to to inorganic matter; you can probe its secrets, disrupt its privacy without limit.

The Story of Eloptic Energy

8.

But, remember, the slightest hint that what you have can affect me-as-a-person and you raise the back-hair of every individual of normal mentality. He'll fight you instinctively.

Never attack an entrenched viewpoint frontally. I tried that once, with dianetics. It doesn't matter whether you're right or wrong; what matters is that you dared attack the entrenched orthodoxy. If that entrenched orthodoxy is of personal moment to the majority of the population---and doctors and psychiatrists are--- you'll get slapped down.

Attack from the undefended side. I'm still out to sabotage psychiatrists---only I'm now attacking from the undefended side of psionics. Once establish psionics, and their orthodoxy of "We know how the mind works" will be tumbled into rubbish without attacking it at all; you just remove the entire foundation.

One reason Claude Shannon is so important: his Information Theory represents the first time in human history that a completely structured, logical demonstration of the existence of a non-physical reality has been achieved. Information is not physical, and Claude achieved a full, mathematically exact definition of it!

As an old-time radio man, you might be interested in my present line of attack on the instrumentation of psionics.

It requires, I feel, an area-type detector, a quadratic, rather than a linear, detector.

I've started examining some clear, simple, direct metering problems, where I can study the factors, with plenty of useful and easily available tools. What's voltage, for instance? Take a 1 microsecond pulse, recurring 100 times per second, each pulse being 10,000 volts. The average voltage is 1.0 volt. If it is developed across 1 ohm, the average power would appear to be 1 ~~milli~~ watt. But I'm suspicious as hell; dammit, 2×3 may be numerically equal to 3 plus 3---but power is a quadratic, not a linear function. They always thought that $I \times E = W$ was a simple, straightforward function....until they hit alternating current machinery. Power is not a linear function; it's a quadratic; to handle AC circuits you have to acknowledge that! The proper formula turns out to be $I \times E = w^2$ ---watts is a squared function---a true planar, not a linear, function.

If I can build a meter that measures power instead of volts-plus-amperes, I may have a clue to a psi meter.

Regards,



Correspondence with John W. Campbell

November 6th, 1956.

Dear John:

Here is your article. I hope it is what you wanted. It may be a little longer than you wanted, but I feel that the data on building an analyzer that should be expected to work is most important.

If it is too long, try cutting it down to what you want. The curve and the data about the relationship to atomic weight can be left out. Also the photograph and its description, if you think the written data explains enough about the makeup of the prism unit.

I am quite interested in your friend Claude Shannon. He sounds like the type of physicist I have been looking for all the time I have been trying to find someone with guts enough to stand back of his convictions if shown something, not in the book. I can see now that I have contacted only stuffed shirts.

It would be very worthwhile to be able to spend some time with him so we could run a series of experiments that would convince him beyond question, that there is an energy that we claim to be working with, that is not mentioned in the books.

My approach would be to have him pick out several of his associates whom he would trust and train one or more to operate an analyzer so the results obtained would be by those in whom he has confidence. He just might be able to learn to operate himself, but I would not count on it.

If facilities permit, we could do lots of other experiments other than just analyzing things. We could do our egg-flu experiment where fertile eggs are inoculated with flu virus and we keep the virus from developing. This would require the assistance of a micro-biology laboratory. What do you think?

Sincerely,
T.G.H.

cc Henry Gross
Eliot Pratt

The Story of Eloptic Energy

STREET & SMITH PUBLICATIONS, INC.

304 EAST FORTY-FIFTH STREET, NEW YORK 17, N. Y.

JOHN W. CAMPBELL, JR.

EDITOR . ASTOUNDING SCIENCE-FICTION

February 4, 1957

Mr. T. Galen Hieronymus,
Radiation Research Laboratory
1024 North 31st Road
Hollywood, Florida

Dear Galen:

I've been very slow in replying on your article, because of some long, deep, and serious thinking about the problem of optimum presentation.

I've been checking the reactions to the articles I have run, and doing it most carefully, and in many ways. The problem is one of presentation of the facts. Facts alone are of little use, as you, over these many years, have learned. Facts don't help a bit, if you don't succeed, somehow, in making the other guy believe they're facts.

I'm skittish as all get out; I don't know which way to jump next, and I'm trying to find out---because, in this last year or so, we have, through Astounding, made more progress in getting the story over than all the hard work with facts that went before.

Look at the results so far.

1. Claude Shannon of M. I. T. is interested; that's a real lead in.
2. I got a call from a captain at the Sandia Base; that's the Special Weapons research base. (The atomic bombers have that as home-base.) The captain was calling to check with me whether the Army should set up a Psionics Research project at this time. He felt that it wasn't quite time---but that the Army should keep a very close eye on what the amateurs were doing.
3. The Rand Corporation---one of the top pure-research outfits in the country---sent a man to see me, and get what information I could give him on psionics. They want in.
4. I was visited by the Director of Research for Bell Aircraft; he wanted to find out more about psionics. They want to keep track of it.
5. The American Weekly, the Hearst papers Sunday magazine, sent a couple of men around; they were planning an "Out of This World" issue, with some clean fun spoofing the psionics business. Their science editor, and a reporter came around to see me. Their science editor got his ears pinned back, because I could show him wide-open holes in science that he had never noticed---and then Ed Hermann swamped the pair of 'em with sheer data and facts. Their attitude was mighty different when they left. The fact that Sandia, Rand Copr., and Bell Aircraft were interested was not without effect.
6. There are various modified versions of that mineral detector of yours

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-2-Mr. Hieronymus

being tested all over the world now. And there are positive reports coming in slowly. A man over in England, Eric Jones, built one working from the Astounding diagram and a copy of your patent. It worked fine.

7. A group of top executives of the Esso Research Labs was out at the house; three of them were research department heads. All three of them got 100% solid results on the symbolic machine. And, being professional researchers, they really gave it the works.
 8. I've been asked out to the Texaco Research Labs, in Beacon, New York, to give a talk and demonstration out there next month.
- In other words, this thing is, right now, growing like a snowball rolling down hill.

That's never happened before---not at the level of professional, corporation-and-university scientists. Every earlier effort to put it over, from Sir William Crooks and D. D. Home, through Edgar Cayce, and Dr. Abrams, has been smashed, with severe damage to the men who tried to put it over.

We, sir, now have a snowball rolling---and we'd better not make any false steps that get us crushed under that ball.

I'm beginning to get reactions to the "Unprovable Speculation" piece. So far, they've all been of the "Give me more data so I can build it better," type. One false move at this point, and the nicely rolling system is apt to collapse---and collapse us with it. And the danger all centers around one problem: presentation. Not fact; Cayce had facts. Abrams had facts. Sir William Crooks had facts. Furthermore, this isn't the only field that's had tough going; Galileo had facts, and for all that he was damn near destroyed.

Facts, actually, seem to be the most dangerous possible thing, at this point. Our success, so far, seems to me to be due to our insisting that we don't have facts!

The ones that got smashed all had facts, and insisted they did.

I've insisted, from the start, that we didn't have facts, that we didn't know what was going on, that we were bewildered, confused, uncertain, and had no understanding of the thing whatever. I've insisted we didn't know what it was, and couldn't figure out. I've done nothing but deny knowledge of causes. I've said it wasn't radiation of any kind, that it wasn't science as we know it, that it wasn't logical, that it wasn't this and wasn't that, and I didn't know what it was.

SO...everybody jumps in to help me out of my bewildered quandry. Nobody loves the guy who's already got all the answers...but just try asking for advice and wisdom, and watch 'em gather around to help you with their brilliant analysis and explanation of the problem!

Do not have answers; that turns 'em against you, with determination to prove they know better than you. Have problems you can't solve; you know how

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-3-Mr. Hieronymus

ready people are to give advice!

And each time they have advice all worked out, you have an additional problem, that that advice somehow doesn't quite seem to fit. By this time, the guy is determined to solve the problem; he's already gotten to work on it, in starting to give you advice in your poor befuddlement.

Hooked; one sucker who was never going to believe in that stuff!

Don't tell them how it works; let them tell you. You can always say, "Oh... I see what you mean. Uh-hu...but you know, I did this and thus, and that happened, and that doesn't seem to fit. Wonder what..." and he'll be off trying to explain that, too.

The trouble with this article, as I've finally figure out after long and hard thinking, is that you're telling them answers; why it works, and what the theory is.

That is what has NOT worked, and that's been tried repeatedly over the last century and a half. Sure people want answers; they always do. But they want to originate those answers; they want them to be their answers!

Only an amateur can appreciate the work of a professional; the complete layman thinks that he could do that in fifteen minutes—it's really easy for someone of intelligence, but those professionals make such a dramatic show of it!

Until you get a group of amateurs who've tried the thing themselves, and found out it isn't so darned easy, you aren't going to get any respect as a professional. At the present time, there aren't enough amateurs. Therefore, we have to make pretend we're all bumbling nitwits, and any moderately intelligent man could straighten out the whole thing in a few hours.

That's the only way you can get the intelligent man to start trying. Once he does, of course...he's an amateur, and he'll suddenly start respecting the professional.

What's needed, as I see it—what I think has worked during this last year—is the presentation of "I did this, and thus, and...well, I dunno why, but for some reason this happened."

Ask for advice and wisdom in your bewilderment, and they come rushing with, "Here, I'll show you..." Tell them "This works this way, because..." and they'll snort, turn away, and say, "Ahhh...he's nuts. Doesn't make sense anyway."

If you disagree...take a look at what's happened to the efforts to put psionics over, these last fifteen decades!

What this article needs, then, is good, solid facts on what you did, and what happened—and lost of "for some reason..." and "I couldn't figure out why..." and "No explanation seems to cover all the facts, but..."

We've got to arouse in the reader the feeling, "Hmmm...I bet I can explain

Correspondence with John W. Campbell

-4-Mr. Micronymus

that!" and not the feeling, "Ahhh... this stuff's nuts. Doesn't make any sense at all."

Look at the pieces I did, not because they're masterpieces, but because they worked. They all say "I did this, and this happened, and I don't understand it at all. It's crazy. It shouldn't happen. But it did."

Tell them the theories you did have, and why you had to give them up. But don't tell them the theory you do have; they want the honor of originating The Answer.

The atomic explosions interfere with the thing...for some unknown reason. That's fine business! They'll love that! "It works because eloptic energy has thus and such characteristics." "Oh, yeah...? Sounds like nonsense to me. This whole bunch of stuff is nuts anyway. Everybody knows that."

The long delay in answering on the article was the need to think out the problem to a point where I could state in words what I felt, but couldn't nail down. There was no point returning the piece until I could state what I needed.

I did not know that you were no longer with the Radiologic group; your information probably explains why Colonel Gross has not arranged the trip up to M.I.T. I discussed with him, suggesting that you, he, and I should go up. Looks like we need to make some new arrangement; Claude Shannon was interested in seeing what the mineral detector would do.

I wish you would have Mr. Pratt get in touch with us, when he's in New York. I imagine he comes this way fairly frequently; New Milford's not far.

Your dollar is returned herewith; we handle postage on solicited manuscripts.

Regards,



JOHN W. CAMPBELL, JR.
Editor.

The Story of Eloptic Energy

STREET & SMITH PUBLICATIONS, INC.

304 EAST FORTY-FIFTH STREET, NEW YORK 17, N. Y.

JOHN W. CAMPBELL, JR.

EDITOR . ASTOUNDING SCIENCE-FICTION

May 15, 1957

Mr. T. Galen Hieronymus
1024 No. 31st Street,
Hollywood, Florida

Dear Galen:

Mr. Arthur Gray and I went up to see Mr. Ludlow Fowler on Monday, to discuss several items concerning your work.

First, Mr. Fowler has asked me to tell you what happened on the effort to interest the doctors at Memorial Hospital. As you expected, the answer is very decidedly no. I had expected that, of course; I've told you before this that I have a strong conviction that the opposition to psionic devices affecting life energies will, at this stage in the development of our civilization, meet the most vigorous, active opposition. It is not simply ignored; it's positively and actively suppressed.

Mr. Fowler was decidedly annoyed at the attitude he ran into; having run into it and become accustomed to it long since, whether we like it or not, we have, I think, become more or less resigned to it.

It is my feeling that the effort to put over the facts of therapeutic forces medicine hasn't acknowledged is, as of now, impossible—at least from the approach of proof that the effects exist.

Let's put it this way: if all the very great power of the Catholic Church has not, in many decades of trying, and with hundreds of solidly documented case histories, attested to by highly qualified physicians, been able to induce the medical profession to acknowledge that miracle cures do happen at Lourdes...it seems sort of foolish for us to try to do what the Catholic Church can't accomplish!

It's not that you can't do it, or I can't do it—but, rather, that it can not be done at all...that way.

The objection we are encountering is that the supernatural absolutely will not be accepted. Magic, which is, after all, what we're working with, was for many centuries accepted as a natural phenomenon. During the Middle Ages it was accepted as natural; during the Renaissance, it was accepted as natural, but evil. Today, the culture holds that it is unnatural, and therefore nonexistent.

The limits of "natural" today are defined by orthodox science—particularly by mathematics.

To achieve the ends we want, simple demonstration of phenomena that happen is not enough. The Lourdes miracles are rejected because they are specifi-

Correspondence with John W. Campbell

-2-Mr. Hieronymus

cally supernatural; your results are rejected because they cannot be shown to be natural. That it works isn't enough; how it works must be accepted.

Curiously, any phenomenon that is accepted as actually happening in physical science, is immediately acceptable to medicine. (Without thanks, however.) Thus, when Roentgen first discovered X rays, the new phenomenon was put to use in a Vienna hospital almost immediately. When a biochemist discovers a new biochemical principle, medicine immediately adopts it--without thanks to the biochemist usually. If, for instance, Dr. Isaac Asimov, Ph.D. in biochemistry, discovered an enzyme that would destroy lung cancer, it would be reported in the medical journals that Dr. John J. Jones, assisted by Mr. Asimov, had discovered a cure for lung cancer.

The probability that you can get any honest credits from the medical profession is close to zero; that has to be recognized beforehand. The MD's will, of course, be somewhat embarrassed by the quantities of data that has already appeared, and will subsequently appear, under your name, but they're used to that.

However, I believe that the only way to get the therapeutic possibilities of psionic devices into public use--the only way people who need their help can hope to get that help--is through pure, inorganic, physical science.

Three weeks ago, I was up in Cambridge, Massachusetts, talking with Dr. Claude Shannon, the discoverer of Information Theory, and Dr. Wayne Batteau, a close friend of Shannon's, and several other people, I'd brought along my symbolic version of your mineral analyzer; it happened that none of the group then present was able to get results repeatably. But I had, also, a letter from Dr. Harry Stine, of White Sands Proving Grounds research staff, who had built the symbolic mineral analyzer from the published description. He had gotten very solid, repeatable, and useful results. So had Dr. Clyde Tombaugh, the astronomer best known for his discovery of the planet Pluto.

Dr. Shannon is very decidedly interested in exploring these phenomena. I've known Claude for some ten years, off and on. He's been an Astounding reader for many years. He's a man whose reputation is, in his field, as great as Einstein's was in his own field; Information Theory, Shannon's discovery, is at least as important to human progress as Einstein's relativity. (And even harder to explain!)

Claude is not a formal-orthodox type of scientist; he's more of a Natural Philosopher. He's too big a man, and too competent, to be ruled by orthodoxy; orthodoxy is, instead, powerfully swayed by him. He is acutely interested in communication--any and all means of perceiving and conveying information.

He genuinely wants a demonstration of your mineral analyzer. His statement was that if the real workability of the device can be demonstrated on a repeatable experiment basis, under sound test conditions, it represents an extremely important discovery, one which must be developed vigorously. He means that, and means it in full honesty.

The exact tests Claude would want to set up I do not know; I can guarantee that they would be genuinely, but rigorously, honest. He is not the kind of person who wants to deceive himself, nor will he tolerate deception in

The Story of Eloptic Energy

-3-Mr. Hieronymus

others. Convince him that there is a real phenomenon present, and he will turn his very great talents to the task of making that phenomenon understandable in terms of modern science. Once science has been shown how to understand the phenomena of psionics—medicine will, as usual, tag along behind, proclaiming their wise leadership.

Do you want to make a trip up to Boston, and work with Claude Shannon at M.I.T., demonstrating the mineral analyzer? Precisely how long it would take, I do not know; it might, if the tests were entirely successful, stretch out to many months of research, of course. That, however, would be a separate arrangement. What I have in mind is a test-visit, arranged by agreement and discussion with Dr. Shannon, of a week or less.

It is my plan that, if such a test is made, Astounding would publish a detailed report on the matter, describing in detail test conditions, and test results—naming the people who set up and carry out the test, the observers and operators, et cetera. We would publish beforehand that the test was to be made; the next issue would carry the results obtained, whatever those results might be.

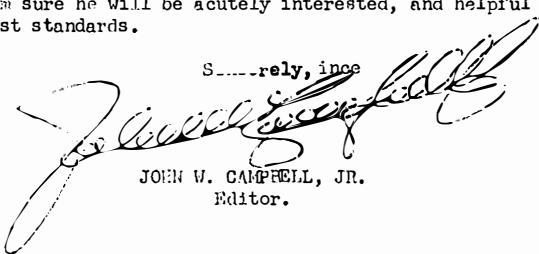
I believe that the work would be genuinely important and effective. Mr. Fowler and Mr. Gray both agree on that point. The magazine can, in return for the data report made available to us, help finance the trip to the extent of \$300. I believe that possibly Mr. Gray and Mr. Fowler may be able to help finance the experiment to some extent in addition.

If you are willing to undertake this experiment, let me know, and we can start working out arrangements with Dr. Shannon at M.I.T.

If you decide in favor of making the experiment, I will be glad to help in any way I can—including stepping out of the picture entirely, save for the one factor of receiving the data report for publication, if you prefer that.

Dr. Batteau is at Harvard's School of Applied Science, and is not a member of Shannon's M.I.T. group; he is a personal friend of Shannon, and of myself. He, too, is a rigorously honest man, and, like Shannon, not hide-bound by orthodoxy. I am sure he will be acutely interested, and helpful in working out proper test standards.

Sincerely, in case



JOHN W. CAMPBELL, JR.
Editor.

Correspondence with John W. Campbell

May 19, 1957.

Dear John:

It was a pleasure to receive your letter of the 15th and to know that you are so interested in trying to develop the acceptance of Eloptic energies.

I just finished writing a letter to Eliot Pratt of New Milford, Conn., who is interested in the application of Eloptic energy to destroy insect pests. I have a commitment to finish some research started for Mr. Pratt. I expect to receive his O.K. to set it aside and take the trip to Boston.

As you probably know, we have put on demonstrations several times with the same results. Even with complete 100% perfect results of the operation of the equipment, we have been pushed aside with the comment similar to that of the farmer who visited the city zoo and saw a giraffe for the first time. "There ain't no such animal," says the farmer.

We have discussed the problem numerous times as to what we would do if the opportunity comes our way again, and we were called on to put on another demonstration. We have arrived at some conclusions and, while waiting to hear from Eliot, I shall give them to you to be thought over.

First, we would want to have at least three different instruments or analyzers so the question of repeatability as to instruments can be set aside. We have them available and with a little work they can be ready by the time we are ready to make the trip.

Next, we will not run tests on so called Unknown samples. We do not propose to be tricked anymore than we want to trick anyone else. Of more importance, so called "PURE" metals are seldom found alone. We can pick up traces of other elements that are not to be found with chemical analysis. Even Spectrographic analysis is not absolutely dependable as often elements are masked by the lines of other elements.

To avoid the generally given opposition statement that our work is not to be repeated by others, we propose to train two or more people of the staff of the investigator. We would want Dr. Shannon to make three or four people available for us to train. We would prefer stenographers or others from his office in whom he has full confidence. Some people are natural operators, just as some girls can become fast accurate stenographers and others can never approach them. Just as not everyone can become a good pianist, even though most anyone can "plunk the keys" and hit the wrong note more often than the right one, just so, operators of our equipment may be able to get their reactions often, but when it comes to accuracy and

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dependability they are just as dependable as the "piano plunkers."

Dr. Shannon would not think of setting up a set of tests in the field of medicine without first consulting with qualified (I said "QUALIFIED") medical authorities, in order to set up tests that were in accordance with accepted theories on the action of drugs, etc.

Dr. Shannon would be well qualified to setup tests in the field of Physics, because he is as well versed in the laws of physics as anyone else. The only way he can set up acceptable tests in the field of Eloptics, is to first get an indoctrination in what we know of the laws governing the behavior of Eloptic energy.

I would expect him to give me an opportunity to explain as much as possible of what we have discovered of the apparent laws underlying the behavior of Eloptic energy. We know that certain materials seem to be good insulators of Eloptic energy. Other materials are good conductors. Other materials will "store" or hold Eloptic energy much as a well insulated condenser will store or hold an electric charge for a time.

For example, we can take a vial of distilled water, test for an element such as iodine. It will be found to be completely free from iodine. We then can subject that vial to the treatment, and then the vial of water's Eloptic energy will actually change in the isotopes or reactions to the iodine. Some materials will take up the radiations from other materials, just by being close by for a while.

We have been able to direct the Eloptic energy from a drug into a human being before any tests were set up.

There is another important item to be considered. Tests will not be run in public, with a number of people looking on, who are just skeptical and not actually involved or necessary to the work in hand.

You will agree with me that a thought and an emotion are not the same thing. I have found that they are activities that employ the same energy but in a different way just as a beam of visible light is not the same as a radio wave to the average observer, even though a physicist might classify them both as "the same thing." Where you and I differ on one thing is that you lump all as "Psionic," regardless, and I separate into groups, depending upon the special characteristics displayed.

The Eloptic energy that radiates from a pure element, such as silver, is not to be effected as easily as the Eloptic energy involved in the nervous reactions of a human being, even though they are both related. You can direct a "beam" of Eloptic energy to a human being and cause a change in their actions or reactions. With many people, this effect can be felt immediately, while with others, it is not felt at all.

We have been able to direct the Eloptic energy from a drug into a human being

Correspondence with John W. Campbell

and produce the same results as if we had administered the drug. You cannot direct such a radiation to a pure metal and cause a change in the structure of that metal.

There are many things we have discovered about the behavior of Eloptic energy. We are firmly convinced that thoughts and emotions are using Eloptic energy. We know that every element that makes up our material world radiates Eloptic energy. What binds two elements in a chemical compound? We have untied the binding in many cases by manipulation of Eloptic energy. Might they be similar?

Just as soon as I hear from Eliot Pratt, I will be able to tell you what we can do. The answer is YES, we definitely want to go to Boston and work with Dr. Shannon. Only the question of finances stands in the way.

Sincerely,
T.G.H.

The Story of Eloptic Energy

1325 Orange Isle.
Ft. Lauderdale, Fla.
Last of June '57

Dear John:

It has been six weeks since I wrote you and I am at a loss to figure out what gives. I rather expected to have you send a copy of my letter to Claud Shannon for his preliminary study as to a plan of procedure in connection with working out some of the tests.

If you were waiting for further word from me, I am sorry I did not understand. I have completed the time I was to spend on some research for Eliot Pratt and have moved into my new home in Ft. Lauderdale. My new address is 1325 Orange Isle and the phone number is Jackson 4 4247. That means that at last, we are free to go to Boston at any time convenient for Dr. Shannon.

The situation is not clear as to whether I will go on with more research with Eliot Pratt. The time was up June 30. In any event, I consider it to be more important to do the tests with Dr. Shannon than anything else and I will not make any commitments as to time until I hear from you or before at least two more weeks.

If this letter seems to be somewhat disjointed, please overlook it as I have been working long hours getting things straightened up, curtain rods installed, mail box put up, shelving in my lab, new sod watered, plants set in the ground. My lab is 14' X 19' with shelving and work bench around most of the walls. Had to set up my lathe, level it and bolt it down to the concrete floor. It is a Logan 11.5" with quick change gears, my pride and joy.

A group who are interested in research that will develop other uses for farm grain products than food (industrial uses) and in anything that will improve the lot of the farmer, have been interested in our work and we may find ourselves doing research especially in the destruction of farm pests and increasing the yield of plants by increasing the natural functions.

I would like to get this proposed Boston trip out of the way before they want to start active work. There is nothing definite except that their representative has been here three times to discuss the idea and he seems to be quite sold on the idea.

Please let me hear from you as to the status of Claud Shannon's interest at this time. Or have you any new ideas?

Sincerely,
T.G.H.

Correspondence with John W. Campbell

STREET & SMITH PUBLICATIONS, INC.

304 EAST FORTY-FIFTH STREET, NEW YORK 17, N. Y.

JOHN W. CAMPBELL, JR.
EDITOR . ASTOUNDING SCIENCE-FICTION

July 10, 1957

Mr. T. G. Hieronymus
1325 Orange Isle
Ft. Lauderdale, Fla.

Dear Galen:

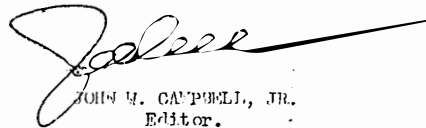
The reason you haven't heard from me is that I haven't heard from Claude Shannon.

The thing came up near the end of the school year; he was probably tied up with that. He may be on vacation before summer school now. I'm going to write him and recheck as to what goes on, and I'll let you know. But, of course, I don't think we should push too hard on the thing. Annoying, I know—but what can we do?

It might also be that the question I raised, "Define what is meant by 'an adequate demonstration of a new principle'," has caused him to do some thinking and discussing that leaves him uncertain as to how to proceed. There's not much point in doing something unless you have some idea as to what you're doing, why you're doing it, and the meaning of what happens as a result of doing it.

I'll write and ask him, however, and let you know what I learn.

Sincerely,



JOHN W. CAMPBELL, JR.
Editor.

The Story of Eloptic Energy

STREET & SMITH PUBLICATIONS, INC.

304 EAST FORTY-FIFTH STREET, NEW YORK 17, N. Y.

JOHN W. CAMPBELL, JR.
EDITOR . ASTOUNDING SCIENCE-FICTION

August 26, 1957

Mr. T. Galen Hieronymus
1925 Orange Isle
Ft. Lauderdale, Fla.

Dear Hieronymus:

I finally heard from Claude Shannon—and learned why there has been such a delay.

He's been transferred from M.I.T. to the Institute for Advanced Study of Behavioral Problems, at Stanford, California, for a year. That's a major Ford Foundation setup which has been inviting the top creative thinkers—not the highly publicized men—of science to help attack the major problem Man faces right now. The problems of psychology and sociology.

Claude's been busy going six ways at once settling things both in Massachusetts and in California; he'd just bought a new house in Massachusetts when this California move came up. He's evidently been somewhat more than up to his ears.

So for the next year, Claude's unavailable. He suggested that Dr. Wayne Batteau of Harvard might conduct the tests. I know Wayne well, and know he's a Grade A/1 man, a genuine thinker, and a brilliant and wise scientist-philosopher. He wouldn't be a friend of Shannon's if he weren't.

The one difficulty is that our major problem is that scientific facts aren't against us, nor is scientific testing something we need worry about. We're being stopped by the ancient "Galileo Problem"; Constituted Authority "knows" the idea is impossible, and "knows" there is no point in dignifying such nonsense by "looking through the telescope." No amount of scientific data helps on that problem; the only force that will combat Constituted Authority is, of course, Authority. Wayne is a brilliant man, he's perhaps as competent as Claude...but at the moment, Claude is an Authority, while Wayne is simply wise and competent. (One doesn't need to be wise and competent, actually, to be an Authority. One needs only reputation, not wisdom.)

I'm going to have to investigate what can be done about the situation. Like most really big men, Claude is marvelously unaware of the fact that he is an Authority, and that his Authority is a real, important, and critical factor in the problem. So far as he sees it, he's just another one of the gang working on problems. He's quite sincere in holding that Wayne is fully as competent to do the job as he himself.

I have, meanwhile, been looking at another angle of attack on the problem. The AMA is a major factor in this problem, since much of the important data on psionics lies in the psycho-medical area, and the AMA has been solidly,

Correspondence with John W. Campbell

-2-Mr. Hieronymus

powerfully, and effectively clamping down on it, with all the very great and real weight of their Authority. As you well know.

Frequently, when you need to get someone out of your way, rather than attacking him directly, it can help to set up a "Let's you and him have a fight, huh?" situation.

There's a man by the name of Hoxsey, of whom you have no doubt heard, who's been giving the AMA a hard time for thirty years. Hoxsey's winning; the AMA has recently pulled the egregious error of putting up advertisements about the Hoxsey cancer cure in all the post offices. They're warnings against it, of course...but they tell people it costs only \$460, doesn't entail surgery or radiation, and tell exactly where to go to get the treatment. Inasmuch as most cancer victims can't be helped by medical science (even the MD's claim only 32% success), most cancer sufferers are desperately seeking something else to try. Advertising that there is another way to try will do the public a great service—and help Hoxsey no end.

I have in mind that I may be able to stir up something in that area that will force the AMA to do some thinking that's badly needed, on the subject of "What constitutes 'proof' of something?" On the Hoxsey business, they're baffled, frustrated, and angry, because they can't prove something—to wit, that Hoxsey's a fraud. (I don't think he is; I do think he's mistaken in his belief that he has a cancer specific, however. One indication; the patients he has treated who have been under long continued morphine sedation should, after the cancer clears up, be morphine addicts. They appear not to be. It looks as though his medicine not only cures cancer, but also morphine addiction...which is highly interesting, indeed. But which means that whatever it is he has, it isn't a cancer specific.)

Since the big, wealthy, powerful, and authoritative AMA is stuck most frustratingly because of its inability to prove something that they most desperately want to prove..."Let's you and him have a fight, huh? Let's you, AMA, and him, the problem of proof, have a slug-fest, and crack the problem, huh?"

If we could get the AMA to crack the problem of "How can something be proven?" we could ride in on the results very handily. One thing's for sure—if the AMA once takes a good, hard look at the problem, they'll never have the present attitude again.

The reason the AMA is helpless against Hoxsey is that they're trying to prove a negative proposition; that Hoxsey can not cure cancer at all. They should hire a good philosopher specializing in the Science of Proof Theorems; he'd have saved them no end of time, trouble, and worry, by telling them that no one has ever found a way to prove a negative proposition. That's why the English legal system is based on "Innocent until proven guilty," rather than on the older "Guilty until he proves he is not." To prove "He is guilty," is a positive proposition; proof of positives is possible.

Our problem is that they've given us the job of proving a negative—"The Hieronymus device is not a hoax." It can't be done, in any yet-known way.

The Story of Eloptic Energy

-3-Mr. Hieronymus

That's why I think it would be advantageous to make the AMA realize what their problem with respect to Hoxsey is...and let them change their methods enough to give us a way through.

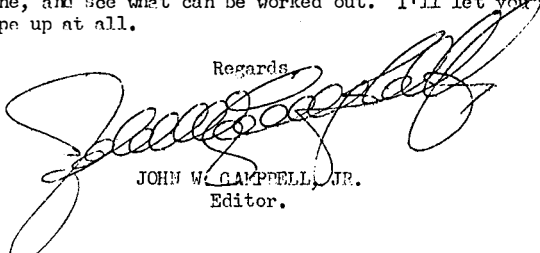
I have a hunch that Hoxsey's medicine contains an unidentified substance that is sort of the reverse of the tranquilizer drugs---that it is a purpose-stimulator, instead of a purpose-depressant. If my hunch is right, the use of that drug would improve scores on psionic devices. Tranquilizers will knock your score down to zero. If you want to experiment, try taking a Miltown, and then see how you do on your device.

Hoxsey's too busy slugging it out with the AMA on cancer to do any decent research, and the AMA's too busy attacking Hoxsey to bother to do honest research. I want somebody to find out what Hoxsey's got; I think I can use it.

You may find ASF doing somet poking into that area shortly; don't hink that means I've lost interest in the psi devices---it just means I'm attacking along more than one line at a time.

I'll get in touch with Wayne, and see what can be worked out. I'll let you know as soon as things shape up at all.

Regards



JOHN W. CAMPBELL, JR.
Editor.

Correspondence with John W. Campbell

1325 Orange Isle
Ft. Lauderdale, Fla.
Sept. 4th, 1957.

Mr. John W. Campbell, Jr.
Editor, A.S.F.
Street and Smith Publications, Inc.
304 East 45th St.
New York 17, N.Y.

Dear John:

Thanks for your letter of August 26th and your interest in our work. I have held up answering until today, as I was in the midst of a most interesting experiment and I wanted to give you a preliminary report on it.

A long time ago, I discovered that one of the laws of behavior of Eloptic energy was that the energy would flow on light rays. The next stop was to photograph an object and find the energy from the object on the film. Several other experiments verified the fact that the energy could be picked up from light rays after having traveled quite some distance.

We borrowed the films taken of some of the planets and found that we could analyze them. For quite some time, I have been engaged in research of a definite kind and the further analysis of the energy from the planets had to be dropped. Recently, I made up an optical device that will allow a small telescope to be focussed on a planet and a motor drive that will keep it trained on the target, just a simple adaptation of the mechanism used on most large telescopes. In addition, I made a special eye piece that would allow me to focus the telescope and at the same time, to pick up the emanations, brought along the rays of light, and direct them into the Eloptic Analyzer.

It works very well. I looked up the declination and hour angle of three of the planets, Jupiter, Venus and Saturn, calculated the elevation and azimuth to be very sure and took shots of them. We only worked for a few minutes that first night as the mosquitoes were out in force. We did find that there was a showing of life energy on both Venus and Saturn but not on Jupiter. Since there was only one test made on each planet at that time and the apparatus had not been finished to the point where it is today, I do not want to be at all positive as to the results obtained on either Jupiter or Saturn.

With Venus, it is slightly different. On August 30th last, the western sky was free

The Story of Eloptic Energy

of clouds and very clear. At 7:15 PM, ZT 1915, GMT 0015 31 August, we started and ran the same kind of analysis we generally run when trying to find out what is wrong with a sick person. The attached chart shows the dial settings and the part of the anatomy involved. We have known for a long time after many tests, that animals show the same anatomical parts and the same frequency rates as humans. Many plants have been tested but not with the same anatomical list as that used for humans, until this week. We had tested plants for general vitality and diseases many of the latter being similar to those found in humans.

In looking over the test results, please do not pay any attention to the low values shown. They probably represent contamination from the operator or perspiration from the one building the instrument (myself), left on wiring or other parts inside, that show a very small radiation when there is no other source of radiation to blanket it. In other words, consider all values of around 50 or less, to be 0.

A study of the Venus chart shows some startling things. There was no heart indicated. Also no liver, parts of the pituitary or adrenals, no thyroid, and in the reproductive organs, no testes, breasts, or uterus.

This would indicate that there was life but not in the form of humans or animals as we know them here on earth.

To run down the life aspect, we took leaves of plants and ran the same set of tests, with some startling results. While there are certain differences between different kinds of plants, there is a startling similarity between plants as we have them here on earth, and the chart of life on Venus.

Naturally, we took specimens of trees and plants that were around us here in Florida. We took a Mango as a fruit tree, a Willow tree as a tree that grows around water, and a pine tree that grows in dry areas. For the Grasses, we used Bermuda grass from our yard as a type that does not seed but puts out runners, and a weed growing in the yard that has seeds for reproducing itself.

The startling items are that plants do not have a Heart. Naturally as they do not pump sap round and round as we pump blood. Only the Pine showed that it had something similar to the Islands of Langerhand, where the sap (blood sugar) is changed to turpentine (I believe this is a turpentine Pine, it could be a sugar sap type).

Note that the Bermuda grass has no reproductive organs while the seed type plant and all the trees show some of the other organs of reproduction.

Now, the first thing a botanist will say is that plants do not have these types of reproductive organs. Remember, we are dealing with energies radiated from the plant or human or animal under analysis. I care not whether the energy comes from an organ shaped like that of a human or whether it comes from something entirely

Correspondence with John W. Campbell

different in shape, color, secretions etc. if it performs the function, it can well have the same frequency of radiation.

Back to Venus, it would seem that Venus has plant life in plenty and of an order very similar to that we have on this planet. I cannot believe that Venus has animals or human beings of the warm blooded type as we have. There is no reason why there might not be men of a higher order than we have here. Definitely, we are of the order just slightly above the lower animal.

We tested the Venus rays for several of the common violent diseases found on earth. We found no cancer but did find tuberculosis; no gonorrhea or syphilis but did find one of the flus and one of the undulant fever rates. Then we tested the plants and found that they also show several of the same diseases. They showed that they are just like humans, they show diseases after being subjected to poisons such as DDT and Malathion. Some trees definitely have cancers.

This is just one analysis chart on Venus. Others made over a period of time might show different results. We are positive of the results obtained in each test. We have done too many over many years so we know when they are to be trusted and when there are other forces working that effect our results. Several individual tests were duplicated to be sure of the results.

Now, about the Shannon-Batteau situation. Not long ago, every so called scientist "absolutely KNEW" that the laws of conservation of energy and conservation of matter were immutable and the very idea of their interchangeability was unthinkable.

Dr. Millikan wrote a paper denying the possibility of Cosmic Rays. Later he ate his words and went on to become the greatest student of the study of Cosmic Rays.

I do not want to spend time and money (either my own or someone elses) going to Boston or New York to run tests for someone to disregard. Naturally, I am quite disappointed in not having an opportunity to work with Dr. Shannon. However, if he recommends Dr. Wayne Batteau, I am sure that Dr. Batteau would be as interested as most anyone else and I believe that Dr. Shannon would believe anything that Dr. Batteau told him resulted from our tests. That would mean that Dr. Shannon would probably use his "authority" in the matter later.

I look at it this way. If Dr. Batteau finds any merit to the claims: 1. That there is such an energy as we claim Eloptic energy to be; and 2. That we can do certain things by manipulating Eloptic energy; then, that fulfills the requirement set out by Dr. Shannon, "That if there is such an energy, then, it represents an extremely important discovery, one which must be developed vigorously" (quoting your letter of May 15, 1957), and that tells me that he has not lost interest just because he happens to be

The Story of Eloptic Energy

diverted to another part of the country for important work in a new field. The fact that he gives Dr. Batteau such a good recommendation would indicate that Shannon would take the word of Dr. Batteau as to the results of the tests and then Shannon could use his "Authority" to get set up for more exhaustive tests and study of the situation in a more formal way.

What I said in my letter to you of May 19th, 1957, still holds good. It will take several days for the tests. I would bring several analyzers. I would expect Dr. Batteau to first let me give him enough information on the behavior of Eloptic energy so we could set up reasonable test procedures. I would want to train more than one other whom Dr. Batteau would pick from his staff, so the question of only one person could operate the instrument.

If we are to do it at all, then let's do it completely, and leave no loose ends dangling for someone to take hold of and depreciate the results obtained.

I would even like to set up the optical device and show how to run analysis of the energy received from one of the planets such as Venus. The device is mounted on one corner of the roof of my lab which is an enlarged utility room built next to my home. The head can be removed from the stand by loosening a set screw, or the floor flange can be unscrewed from the roof. It would have to be readjusted for the latitude of the place where it's used.

I can see where the planet analysis could fit into an A.S.F. story and result in many future stories based on the results found. It would also knock a lot of former science fiction stories about the other planets and stars, into a cocked hat.

Will be looking forward to hearing from you soon as to both the Venus story and the working with Dr. Batteau.

Sincerely,

T. Galen Hieronymus.

ELOPTIC ENERGY ANALYSIS

Tests made August 30, 1957,
thru September 4, 1957.

Body Organ	Venue ity	Mango tree	Willow tree	Pine tree	Bermuda grass	Weed seed type
Vitality	1450	447	345	464	235	232
Heart	16	16	31	36	31	31
Lungs	1218	559	457	467	355	269
Kidney	1135	566	26	29	47	27
Liver	46	32	368	366	27	459
Lymphatics	34	669	31	31	369	33
Spleen	1235	35	461	566	36	352
Bone Marrow	22	465	52	759	569	361
Chlorophyll	1205	769	562	651	269	436
Pineal	1315	767	353	358	447	351
Thymus	1326	969	453	364	268	464
Pituitary	1210	350	357	458	471	452
Pituitary Ant.	23	33	27	350	43	21
Pituitary Post.	46	36	35	32	33	37
Adrenals	1220	367	468	461	570	552
Adrenals Cortex	50	27	43	369	51	29
Adrenals Medulla	33	16	27	27	37	37
Thyroid	32	267	251	468	271	446
Parathyroid	46	35	34	17	28	33
Parotid	1232	656	464	358	368	457
Stomach	1531	671	557	547	362	347
Duodenum	1124	555	37	368	33	32
Gall Bladder	52	766	252	36	366	247
Pancreas	1233	652	36	354	47	29
Pancreas Islands of Lang.	48	26	51	356	27	27
Colon Wall	1234	652	327	452	37	366
Appendix	34	32	34	32	353	36
Prostate	1536	866	352	359	28	467
Testes	24	27	24	29	23	22
Breasts	21	36	33	39	26	27
Ovaries	1333	770	350	459	33	352
Uterus	31	23	22	24	37	54
Nerves	1213	1067	458	465	371	156
Alkalinity	16	33	24	28	41	43
Acidity	1435	768	466	569	474	257
Sodium	26	21	26	47	48	24
Chlorine	23	21	152	31	29	32
Neurasthenia	17	32	263	60	24	51
Menopause	20	11	32	46	62	26

Note: A healthy human being or warm blooded animal would show a balanced condition in which all values for organs and parts of the body would be nearly the same value except for Neurasthenia and Menopause, which should be zero, and the sex organs. A healthy male will show very low values of the female organs and the healthy female will show low readings of the male organs. In some men, quite high breasts readings will be found. In many nervous cases, males have shown high female readings and females have shown high male readings. Alkalinity and acidity do not refer to PH values but will be the same amount as other organ values. The same for sodium and chlorine.

The Story of Eloptic Energy

ODE

"We are the music makers,
and we are the dreamers of dreams,
wandering by lone sea breakers,
and sitting by desolate streams,
world losers and world forsakers,
on whom the pale moon gleams.
Yet we are the movers and shakers
of the world forever, it seems.

"With wonderful deathless ditties
we build up the world's great cities,
and out of a fabulous story,
we fashion an Empire's glory.
One man with a dream, at pleasure
Shall go forth and conquer a crown,
and three, with a new song's measure
can trample an empire down."

By: Arthur Shaunessy

VI

Explaining the Unexplained

There was a time when it was possible to have an idea accepted if the effects could be observed, even though there was no completely acceptable explanation of the action in terms of known phenomena. For example, in 1881, power plants were turning out electricity that was used for lighting streets, etc., even though it was many years before there was any kind of meter that would measure those important features, voltage and current, and it was over 25 years before there was the correct explanation as to what electricity really was.

Today, a phenomena, even though demonstrable, is not even considered if an explanation is not first submitted, and it must be an explanation that "fits" into known and accepted so-called "facts." This attitude retards progress.

There are two hurdles, difficult to overcome. One is the hurdle of semantics or lack of words that will explain a new phenomenon. The first mistake is to use well-defined words and give them a new definition. For example we say, "He has a MAGNETIC personality," using an electrical term to explain an emotional response to a person. The other hurdle is the inertia of thinking. Almost everyone relates a new idea to old known facts. If the new idea does not readily drop into place among the known facts, then the new idea is rejected, even though it might be observed in action.

There is one category where many a phenomenon has been placed for explanation purposes, because there was no better known place to put it. That category is, "It must be Electrical." David Sarnoff, of RCA, has written several articles about "thinking" and thoughts and emotions and he has asked the question, "When we think, are we using some subtle form of Electricity?" Speaking in New York, June 1,

The Story of Eloptic Energy

2482773

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Whereas Thomas C. Hieronymus,
of
Kansas City, Missouri,

has presented to the Commissioner of Patents a petition praying for
the grant of Letters Patent for an alleged new and useful improvement in
THE DETECTION OF EMANATIONS FROM MATERIALS AND MEASUREMENT
OF THE VOLUMES THEREOF,
A DESCRIPTION OF WHICH INVENTION IS CONTAINED IN THE SPECIFICATION OF WHICH
A COPY IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND COMPLIED WITH THE
VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED, AND

Whereas upon due examination made the said CLAIMANT is
adjudged to be JUSTLY ENTITLED to a PATENT UNDER THE LAW.

Now therefore these Letters Patent ARE TO GRANT UNTO THE SAID

Thomas C. Hieronymus, his heirs OR ASSIGNS
FOR THE TERM OF SEVENTEEN YEARS FROM THE DATE OF THIS GRANT
THE EXCLUSIVE RIGHT TO MAKE, USE AND VEND THE SAID INVENTION THROUGHOUT THE
UNITED STATES AND THE TERRITORIES THEREOF.

In testimony whereof I have hereunto set my
hand, and caused the seal of the Patent Office
to be affixed, at the City of Washington
this twenty-seventh day of September,
in the year of our Lord, one thousand nine
hundred, and forty-nine, and of the
Independence of the United States of America
the one hundred, and seventy-fourth.

Attest:
Lawrence L. Kingdon
Commissioner of Patents.

Law Examiner.

Explaining the Unexplained

1949, he proposed a new science which he called "RADIONETICS" to look inside living human bodies.

RADIONETICS, he said would use ATOMIC ENERGY and ELECTRONICS as tools for "seeing into mind and body." These phenomena are both activities found in or associated with the ELECTRO-MAGNETIC SPECTRUM. It just didn't occur to him to consider the idea that there might be some other MEDIUM than the electromagnetic spectrum where he might "look" for an explanation of the phenomena of thinking and emotion.

SOUND is defined as, "That which is or can be heard; the sensation of hearing, resulting from the stimulation of the auditory nerves by vibrations carried in the air, water, etc." Sound requires something in the MATERIAL world or REALM through which it can travel.

The ELECTRO-MAGNETIC SPECTRUM is where we find electricity, radar, infra-red, heat, visible light, ultra-violet, X-rays, Cosmic rays, etc. These phenomena operate in MEDIUM that used to be called the ETHER. Let's still call it that.

These two MEDIUMS, where we find SOUND and ELECTRICITY have both been quite well explored. At no point has there been any evidence found that would lead anyone to expect to find an explanation of the operation of THOUGHTS and EMOTIONS, in either of these two MEDIUMS.

Instead of trying to make the explanation of the operation of THOUGHTS and EMOTIONS "fit into" someplace where they obviously do not belong, why not look somewhere else for an explanation. Why not look for another MEDIUM? The only reason for not looking for such a new MEDIUM is the old one, "recognized."

Let's just ignore so-called "RECOGNIZED AUTHORITY" for a moment and assume that there might be such a new, unknown MEDIUM, and explore it. We have nothing to lose and much to gain. It might answer many UNEXPLAINED phenomena.

Eloptics, a Newly Discovered Form of Energy

Patent No. 2,482,773, entitled "THE DETECTION OF EMANATIONS FROM MATERIALS AND MEASUREMENT OF THE VOLUMES THEREOF," has been received from the United States Patent Office. This is a basic patent covering the utilization of a form of energy hitherto apparently unrecognized. The name "ELOPTIC" has been given to the energy for more convenient reference.

We have discovered that all of the electro-chemical series of elements of material matter and combinations of two or more elements give off an energy emanation

The Story of Eloptic Energy

under normal room temperature and without any kind of special treatment, by which the presence of the element or molecular combination of elements may be identified without destruction of the material being analyzed.

We find, for example, that water gives off three frequencies, that of each of the elements, hydrogen and oxygen, and also that of the molecular combination. The same applies to alloys, compounds, solutions, etc. whether solid, liquid or gaseous.

ELOPTIC energy emanations have the peculiar characteristic that they can be conducted over typical electrical conductors and also be refracted similarly to light energy.

The emanations will refract through a proper prism in the order of the atomic weight of the constituent elemental content of the material under observation.

ELOPTIC energy from a specimen can be conducted over light rays similar to optical procedure and can be implanted on photographic film and preserved for future analysis.

Certain materials that are opaque to visible light, will transmit ELOPTIC energy. Other materials, transparent to light, will not transmit ELOPTIC energy so readily. We can amplify the energy, apparently reverse its phase angle of oscillation and do many other things with it. Additional uses are covered in a "continuation-in-part" application.

Its potential uses or methods of utilization are so infinite as to stagger the imagination.

Emanations from metals, etc. in the ground can be detected. Considerable work in this field has been done already.

Emanations from plants and animals can be analyzed and measured. Two frequencies can be compared as to their effect, one upon the other.

The phase angle of ELOPTIC emanations can be reversed and used to apparently neutralize the source of the emanations.

RADIATION LABORATORIES, INC.
4209 MICHIGAN AVENUE
KANSAS CITY, MISSOURI

"Complete theories do not fall from heaven . . ." Freud.

This well exemplifies the attitude of many people—that if an idea is not completely developed and the theory so fool-proof as to be beyond question, then they want no part in it.

Following Benjamin Franklin's discovery of electricity, a scoffer caustically asked, "Of what use is that kind of knowledge?" To which Franklin kindly replied,

Explaining the Unexplained

"Of what use is a child? He may grow into a man."

We are very much in the same position as Franklin. We have discovered a new force or rather we have uncovered a force that has been here since the beginning of time, but only a few have recognized it.

The BIG question is, "What shall we do with it?"

At the moment, we are doing two things; continuing research and acquainting interested people with the idea in order to get their cooperation. That is the reason for this paper.

The Eloptic Radiation Theory

There is an all pervading media that is capable of being set into activity by certain forces. This media might be the same as that which is described by electronic and electrical engineers and physicists as the ETHER in action at higher harmonics than so far explored, or it may be what has been called ELOPTIC ENERGY. Since it acts as if it were different from the ETHER, let's call it ELOPTIC ENERGY, since it is the raw material from which everything is made.

Our material world is made up of combinations of a few units, some of which are called electrons, protons, and neutrons. These units act as if they were precipitations out of the ELOPTIC ENERGY because these units may be disintegrated or put back into their original state in the ELOPTIC ENERGY. There is much in today's scientific literature that points the way to these conclusions in addition to our own research results. ELOPTIC ENERGY can take on or manifest several different qualities, such as frequency and cohesive force.

Just as the ether can be caused to vibrate at different bands of frequencies to manifest as electricity, radio, heat, light, ultra violet, etc., so can the ELOPTIC ENERGY manifest in many ways.

When the ELOPTIC ENERGY is properly influenced, it can be caused to coalesce to the point where material units such as electrons, protons, and neutrons are formed. When these units are desired to be grouped together, a still further manifestation of ELOPTIC ENERGY takes the form of the cohesive force necessary to form the units into elements such as helium, iron, gold, and uranium. A still further manifestation of the cohesive force is necessary to form elements into compounds or complex groups. When such units are formed into elements or compounds, there is a stress field or aura, around or radiating from such elements and complex groups. This field or aura has a frequency that is characteristic for each nuclear and molecular combination.

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For example, chromium having in its nucleus 24 protons and 30 neutrons will have a slightly lower frequency than will iron with 26 protons and 28 neutrons, even though both nuclei contain the same total number of 54 units each.

This phenomena is the basis of the idea covered by patents and its use as an analyzing medium, the subject matter of this paper.

It takes a certain amount of energy to cause the ELOPTIC ENERGY to coalesce so that the units, protons and neutrons, will be formed. It takes a lesser amount of energy to combine the units into the group of particles called the element, e.g., hydrogen, silver or mercury, and still a lesser amount of energy to form the molecules of the various compounds.

Such an element or compound can be disintegrated back into its components or units or even completely back into the ELOPTIC ENERGY from whence it came. The atomic bomb action obeys this principle.

To disintegrate an element and change it back into its units takes energy, the amount depending upon the way the energy is applied. Assume a very heavy weight suspended by a long chain. To cause this weight to oscillate over, e.g., one foot with one blow from a hammer might require a hammer of very large proportion and a giant to wield it.

On the other hand, if a small boy gave the weight a push, then waited a bit and gave another push and another, all timed properly the weight would begin to swing and in time would be swinging through the arc of one foot.

When a single blow in the form of a fast-moving particle, such as a neutron or alpha particle, accelerated in a cyclotron, is the "hammer" and the nucleus of an element is to be broken up, the "hammer" must strike a tremendous blow (millions of electron volts) to crack the nucleus.

On the other hand, if a small amount of energy is fed into the nucleus at its proper frequency, the nucleus will easily, slowly, quietly fall apart into its units, just by neutralizing the effect of the cohesive force or binding energy as it is sometimes called.

One of the most used but least controlled and understood methods of setting the ELOPTIC ENERGY into oscillation is by the MENTAL-EMOTIONAL output from a human being. Just as the crystal in a radio power oscillator sets the frequency, and the energy applied to the plate circuit determines the power output, so does the MIND act to set the frequency and the EMOTIONAL body to furnish the power.

Every time we generate an emotion we start a wave motion in the ELOPTIC ENERGY. Such a wave motion can travel infinite distances, and it continues to oscillate until some counter-acting wave motion is set up to neutralize the original

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or until the original wave motion is absorbed by some one or some thing that is in proper frequency relation to it.

Just as a radioreceiver that is tuned to the exact same frequency as a transmitter acts as if it were connected via some invisible medium to the transmitter by responding exactly as the transmitter is activated, so does a specimen of certain things act as if there were a connection between it and the parent body from which it was taken by responding exactly to all activities of the parent body.

ELOPTICS

This is the age of discovery. One of the recent contributions to scientific discovery and the one with infinite possibilities for the good of humanity, and the answer to many of the otherwise unanswerable questions of science, is the discovery that there is a form of energy emanating, or radiating, from each and every one of the elements of material matter under ordinary room temperature conditions and without any unnatural or special preparations.

Not only does each isotope of each element give off an energy but the energy from each is different in frequency from all others. By the simple expedient of "tuning in" on an instrument known as an Atomic Analyzer, to the emanations given out from a complex compound, alloy or solution, the elemental content of the compound, alloy or solution may be determined and, within certain limits, the quantity measured.

The U.S. Patent Office issued Patent No. 2,482,773 with seven method and six apparatus claims in a basic patent, which indicates that considerable research work has been done toward the utilization of this energy. However, it is quite obvious that the "surface has barely been scratched," so far as "digging out" all the information regarding the laws governing the behavior and control of this energy, and the infinite number of uses to which this discovery will eventually be put.

Instead of referring to "this energy," or "these emanations," the writer has coined a terminology which, it is hoped, will be helpful until something better is established. The name is ELOPTICS, combining Electricity and Optics, because the characteristics of behavior of the emanations from the elements is similar in many, but not in all, respects to some of the characteristics of behavior of the energies in those two bands of frequencies of the electro-magnetic spectrum of oscillations in the ether.

Eloptical radiations have some interesting characteristics. They are similar to those of electrical energy in that they may be:

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- A. Conducted over electrical conductors;
- B. Insulated against passage by certain insulating materials;
- C. Effected by resistance, capacity and inductance;
- D. Effected by magnetic fields;
- E. Carried on a flow of electrons;
- F. Amplified in a chemical or vacuum tube amplifier;
- G. Have the phase angle reversed.

Optical characteristics are different from electrical characteristics in many ways. One example is that 30% black rubber electrical insulating compound makes excellent eloptic insulation, but ultra high frequency radio transmission line insulation, such as used in Amphenol's 300 ohm brown or clear plastic is a good conductor of eloptical energy.

Eloptical radiations have characteristics similar to those of optics in that they may be:

- A. Refracted through prisms of glass, quartz, plastic, etc.;
- B. Refracted with a conventional grating;
- C. Focused with conventional optical lenses;
- D. Reflected;
- E. Transmitted over a light beam;
- F. Preserved on light sensitive emulsions, i.e., photo film.

Eloptical characteristics differ from those of optics in that certain "light transparent" materials are opaque to eloptics and a prism made of black "plexiglass" will refract eloptical rays. A certain oil paper used in sacks for packaging was found to be semi-opaque to eloptics, but was quite transparent to visible light.

Eloptical energy may be stored in some materials such as wood, pulp, paper, water, or ordinary soil. Eloptic energy will pass readily through but will not remain in ordinary test tube glass. Eloptical energy may be literally "blown away" by a magnetic field and is easily dissipated by "grounding" in similar manner to "grounding" or dissipating a static electric charge.

A vacuum tube oscillator or other type of variable current generator will also increase eloptical energy to a high order of intensity. It is believed that the intensity of the eloptical energy is built up through the regenerative action of the electrical circuit, the eloptical energy being carried on the electron flow through the circuit and built up as the electrical energy is built up or intensified. By the same devices, eloptical energy, or its source, may be neutralized by degenerative action of magnetic energy.

Combining or super-imposing of two or more frequencies of eloptic rays will

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produce a resultant complex frequency or eloptic ray similarly to the super-imposing of two or more electrical frequencies to produce a complex electrical resultant wave form. By pre-determining the resultant frequency characteristic or eloptic ray of any certain compound, alloy or other mixture of two or more elements and using it as a standard, an alloy or compound of similar composition as the known standard may be identified through "tuning in" on an Eloptic Analyzer to the resultant combination of emanations of eloptic rays. As an example, the analysis by the Eloptic Analyzer of two unknown liquids disclosed nine characteristic groupings within the molecule, four were common to both, but five were found only in one of the liquids. Comparison with spectrographic and chemical laboratory analysis disclosed the fact that one of the liquids was pure benzene and the other toluene, both of these hydrocarbons.

Elements or combinations of two or more elements may be effected by the bombardment of super-imposing of certain eloptic rays upon them. Certain combinations of elements have apparently been disassociated of opposite polarity, reversed phase angle or degeneration.

Some of the problems yet to be solved are:

A. Learn more about the best conductors and insulators of eloptic energy so better instruments may be built;

B. Develop a better method of indicating the presence of eloptic energy, (the present method depends upon the tactile sense of the operator and everyone is not sensitive enough to accurately operate the device);

C. Learn more about the laws by which the energy is generated, controlled, etc.;

D. Develop a more exact method of measuring the quantity of eloptic radiation from an element or specimen so as to better measure the mass or quantity of the content of the specimen.

The solving of some of these problems probably belongs in the field of the physical scientist but will require a change of present viewpoints and established ideas and an open-minded approach.

T.G. Hieronymus

Specimens and Standards

Since everything in our material world is made up of one or more of the 96 known elements, and every isotope of every element and every combination of these elements radiates a characteristic frequency of Eloptic energy, then everything in the material world can be a specimen for analysis as to its contents or parts or their

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arrangement. This is a very broad statement but so far we have not found anything that did not lend itself to analysis, limited only by the extent of our knowledge as to interpretation of findings or the availability of standards for comparison.

Before we can analyze anything, we must have a standard from which to start. This may be a very small quantity of an element in pure form that we can analyze and thus get the radiation frequencies of that particular element. We must do this for all the elements we expect to look for in the analysis of an unknown material, a material whose makeup we wish to know.

This has already been done for many of the elements, rather completely for some, in part for others. We have worked with over 40 elements and all respond in a similar manner.

Elements in combination can be used as standards for analysis. For example, pure distilled water can be used to find the frequencies from Hydrogen and Oxygen. We first analyze the glass test tube and the analyzer itself for all the frequencies radiating from the materials of which they are made and the amount of radiation from them. The test tube might have several elements such as boron, silicon, etc., and the instrument will have copper, aluminum, etc., but this does not bother at all. Next we analyze the water for those frequencies that show up over and above or in greater intensity than those from the empty instrument. The difference is in the water. Removal of the water specimen will quickly show whether the specific radiation was coming from the water or not. The procedure is relatively simple.

The radiations from the water will be found in two groups, one will be from the isotopes of Hydrogen, showing two stable and one radioactive, and the other group will be the isotopes of Oxygen, with three stable and three radioactive. Reference to standard handbook will show this to be the expected pattern of frequencies.

It is fortunate that all the elements radiate frequencies whose values are in the inverse order of the weight or contents of the nucleus. This is more fully described later. This phenomena makes it very easy to chart the various elements as to their position in the frequency scale. You know just where to look for the radiations from any particular element.

In the case of such elemental combinations as the hydrocarbon groups, it is not easy to observe the individual elements from the frequencies radiated, because of the complexity of radiations from the different molecular groups. The frequency group for carbon is easily obtained from a diamond or graphite.

After the individual elements involved have been carefully standardized or charted, the molecular groups must be charted for those combinations in which you are interested, such as, being able to quickly say whether a very small amount of

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toluene has contaminated what should be pure benzene.

Other types of standards have to do with quantity measurements.

Eloptic Energy

Each isotope of each of the elements that make up our material world gives off a radiation or emanation of energy. The writer has given this energy named "ELOPTIC," a word coined from electricity and optic, because the energy has some of the characteristics and obeys some of the laws that govern those two forms of energy in the electro-magnetic spectrum.

Eloptic energy is radiated from the elements at all times, under normal room temperature, without any special treatment such as irradiation, heating, etc.

Eloptic radiations are in no way to be associated with the ejection of Alpha or Beta particles or the emanation of Gamma Rays. Most scientists will deny the existence of such radiations because they have no way to "tune in" to them and because they never heard of any such radiations, just as the doctors of the French Academy a few years back denied the existence of bacteria as expounded by Louis Pasteur, and as other doctors denied the existence of such a thing as an organism that might be the cause of Child-bed Fever as preached and demonstrated by Semmelweiss, and for the same reason that newspaper editors in the United States refused to believe for nearly five years that the Wright Brothers had been flying a heavier than air plane. Someone in an "authoritative" position had said he didn't believe it, so the rank and file agreed with him, without trying it out to see whether it might be true.

All of the old physics books have been rewritten to eliminate the two famous old "Laws," The Conservation of Energy and The Conservation of Matter, that were set aside when Atomic Energy was discovered. This year's Nobel Award goes to two Chinese who disproved another old "law" of physics.

The first evidence of the existence of what is now named Eloptic energy, was observed by Doktor-Professor Desauer of Heidelberg University in the early part of this century. There have been many references to the existence of some form of energy and the writer has collected many newspaper clippings from all over the world news items.

The first attempts to harness Eloptic energy were very crude due to the lack of proper equipment with which to "Detect" the emanations and to "tune in" to them and sort out the various frequencies, one from another. This was the reason why many dropped the research into the subject, and why many denied the existence of such an energy after observing a few unsatisfactory "tests."

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The writer first became interested in the idea about 1919. Such apparatus as was available at that time was very unsatisfactory, yet it gave some results. One success out of a dozen failures was enough to indicate that there might be something to the idea. Research was started in a casual way and as the work progressed, there emerged certain apparent "Laws" of behavior. After years of work, it was found that Eloptic energy was conducted along light rays as well as along most electrical conductors. This accounted for many tests being discounted and written off as failures when the trouble was in lack of knowledge of the laws of behavior of the energy.

This is partially the reason why some scientists decided that there was nothing to the idea because tests were run under conditions that were not favorable. Discovery by the writer of the fact that Eloptic energy can be conducted along light rays made possible the discovery of the new method of "tuning in" to the energy with much greater accuracy and is the heart of the patented method of analysis used by the writer in all chemical analysis. This is the prism refractor unit that sorts out the various frequencies and allows the operator to pick up the radiation from one of the isotopes from an element containing several. Not only does each isotope of an element give off an energy radiation, but the entire element gives off a distinctive frequency that is the mean of the frequencies from that element. Also, a combination of two or more elements such as H_2O will radiate an additional frequency that is the mean for the molecular combination. There is a distinctive pattern of frequencies from such molecular combinations such as the hydrocarbons, benzene and toluene, the latter giving more frequencies due to the CH_3 radical. Fortunately, there is a distinctive overall frequency by which such an elaborate combination of elements can be easily identified.

This is very similar to the pattern shown on an oscilloscope when a very large number of frequencies are combined in an electronic circuit. There is shown a distinctive resultant frequency.

Carry this idea further, we find that complex combinations such as the tissues of the body of a human being, and animal or plant, will give off a distinctive frequency by which the particular tissue may be identified. Even entire organs will show a distinctive frequency for that entire functioning unit of the body.

Research has covered thousands of tests made of known tissues, both healthy and diseased and many disease cultures have been analyzed for the frequencies emanating from them. This has resulted in a list of hundreds of charted frequencies by use of which, many things can be learned about a body that is ill.

The effect of a drug on a tissue may easily be determined. By measuring the

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intensity of the emanation from the tissue, its relative condition as to vitality can be determined. Then, by introducing the energy from a drug into the instrument, the originally measured value will be either increased or decreased, depending upon whether the drug is compatible or not.

The same thing can be done in the case of foods. The general vitality of a person can be measured. Then first one and another of a list of food samples can be used to introduce the particular food frequency into the circuit and its effect measured. This is similar to the "Scratch" test except that it is not painful to the patient and takes a few seconds for each food tested.

In the case of such a condition as stomach ulcers, the ulcer frequency from the patient can be measured as to its intensity and then various foods can be tested to determine whether that particular food will aggravate the ulcer or not. While this does not constitute a "cure," it certainly can give relief to the patient while allowing the doctor to administer the proper drugs (which can be determined by similar tests) to alleviate the condition.

Elopticradiations can be amplified and directed into a tissue to produce changes. The energy from a drug that has been found by test to be effective in a certain disease condition, can be radiated into the patient and it can produce the desired effect that might have been produced by administering the drug orally. This has been done successfully in thousands of cases. There are of course, cases that are too complicated and where all the factors are not known, when such results do not manifest, just as there are cases where the administration of a well known specific such as a drug, does not produce the usual, to be expected result.

One experiment that was successful several times involved the infection of Flu virus by fertile hens eggs. Several fertile eggs that had been incubated for nine days, were injected with a classical flu virus and returned to the incubator. During the following forty-eight hours, while under incubation, the eggs were subjected to certain Elopticradiations designed to destroy the flu virus. At the end of the two-day period, the eggs were harvested and the fluid subjected to a precipitation test to determine the extent of growth of the virus. The tests showed the flu virus to either be destroyed or its growth arrested.

In the first of the egg-flu tests, four eggs were used. Before injecting the flu virus, a drop of the liquid just inside the shell of each egg was taken out to be used as our "specimen" from which to do our work. Then the eggs were each injected with the usual amount of virus, the hole sealed and the eggs put back in the incubator. There were only four eggs available so no controls were involved.

The specimen of the egg fluid was taken to our laboratory, placed in an

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instrument designed to amplify Eloptic energy and reverse its phase 180 degrees and broadcast it. The specimen became the connecting "link" with the eggs so the broadcast energy went only to the eggs from which the fluid was taken.

The eggs were injected at 1:00 PM and treatment was started at 2:20 PM. There was a break in treating from 8:50 PM to 10:30 PM, a period of 1 hr. and 40 min. This was due to moving the equipment to another location. When the eggs were harvested after 48 hrs. and the precipitation test was made, it was found that the eggs, all four of them individually tested, showed less flu than is ordinarily found when tested immediately after injection without the last 48 hrs. of incubation.

In the second test, 12 fertile eggs with good embryos were divided into two sets of 6 each, one to be treated and the other to act as controls. Specimens were taken from one set of 6 eggs, then all 12 were infected. Both sets of eggs were placed in the same incubator but on different trays, spaced about 3 inches apart, one above the other. The trays were of wood frame with bronze screen stretched on it.

The same procedure was followed in the treatment. At the end of the 48 hr. incubation period, the eggs were harvested and much to our surprise, there was only a trace of flu showing at a dilution of 1/40. There should have been a strong showing of flu in the control at 1/80. From past experience, we reasoned that the field of energy around the six treated eggs influenced the other six eggs, that the electrically connected screens on the bottom of the trays caused both sets of eggs to be equally influenced by the treatment.

The two virologists who ran the tests were afraid their virus pool had been spoiled in some manner. It was suggested that a fresh batch of eggs be run but without any treatment. This was done and the eggs showed flu reaction in the precipitation test at a dilution of 1/320. This proved that the virus was not defective.

In test No. 4, the eggs were injected first and the specimen taken out afterwards. This did not prove to be as satisfactory as taking the specimen before injection. The precipitation test showed flu at a dilution of 1/160 after 45 mins., which was much better than the No. 3 test without treatment where there was an immediate showing at a dilution of 1/320.

No. 5 test was a complete negative in that the eggs showed flu at a dilution of 1/320. After receiving the test results, an investigation was made to find out why there was no response to treatment. It was found that there was leakage in one of the blocking condensers in the amplifier. This had happened before on some other treatment work. The leakage was intermittent, causing the instrument to work fine at times and fail to work at other times.

No. 6 test was on 6 eggs to be treated and No. 7 test was to be 6 other eggs, all

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injected at the same time but placed in separate incubators spaced over 50 feet apart. Specimens were taken of both sets of eggs, in separate test tubes. After the 48 hr. incubation period, it was found that both sets of eggs had again been treated as the tests showed clear at dilutions of 1/20 on one set and 1/40 in the other set. Again it was attempted to determine why both sets of eggs responded to the treatment. Both incubators were supplied with electricity for the heaters from the same house wiring. Another and probably more important reason was found. When the No. 1 specimen was taken the writer was present and had the drops of the embryonic fluid placed on a small swab (cotton on wood stick) which was placed in a 12x75 mm culture tube for placement in the treating instrument without any further disturbance. In the other cases, the virologist used a 3/4 inch x 6 inch test tube with a gauze plug in the bottom. When the swab with the drops of embryonic fluid was placed in the large test tube, some of the fluid soaked into the gauze plug down in the bottom of the tube. The test tube being too large to use in the treating instrument, the swab was taken out and placed in a small culture tube. The large test tubes that had contained the No. 6 and the No. 7 specimens were both thrown in the garbage can just about the time treatment was started. The close proximity of the two saturated gauze plugs in the two test tubes in the garbage can could have caused the treating of one to effect the other.

These specimens act as if there is a "line of communication" between the specimen and the parent from which it is taken, whether it be a person, an egg, or in the case of a leaf from a tree. In the latter case, the leaf becomes the "specimen" and anything done to the leaf is immediately transmitted to the tree.

The important point is that something happened to keep the flu virus from developing in the embryo of the incubated egg. Tests made for the purpose always showed that there was nothing wrong with virus in the pool. When not treated, such injected embryos always showed flu growth.

Tests No. 8 and No. 9 were run to show that a photograph of the egg could be used instead of using the drops of embryonic fluid. Use of photographs in the past had been quite successful so no change was expected in the case of the egg-flu tests.

Not desiring to wait for the development of negatives, it was decided to try the use of a polaroid camera. A friend had such a camera. The eggs were placed on the ground (there were a dozen eggs in a carton) the photograph taken, and after the one-minute development period, the print was removed from the camera, the back of the camera closed and returned to the owner. The print and the eggs were taken to the virologist's laboratory and the six controls and the six to be treated eggs were injected. The control eggs were taken from a different dozen eggs and were not in

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the photograph.

After this run was found to be completely negative, in that both sets of eggs all showed full development of the flu virus in them, again we tried to find out the reason. Suspecting the trouble to be with the photograph, tests were made and it was definitely traced to the technique we followed that was responsible for the failure in test No. 8.

The Land Camera, the polaroid, was an all-metal cased device. When the photo of the eggs was made the energy route of travel was first from the eggs into the lens and to the negative, through the negative to the print which was used as the specimen. When the camera was closed up, the negative was in a completely shielded metal box and the line of communication from the eggs to the print was broken.

To prove this, many tests were subsequently made and the results were definite. Note the results in tests No. 12 and 13.

Tests No. 10 and 11 were not clear cut. The growth of the virus was not completely arrested as in some of the other tests, neither did the virus develop as in the untreated cases. We believe the cause was that specimens were taken of both the control group and the treated group and the specimen from the control group was left too close to the other specimen during the rest periods between treatments, resulting in the cross contamination between the two.

Tests No. 12 and No. 13 were made on six eggs each, No. 12 being treated and No. 13 being the controls. A polaroid photograph was again used. This time the film was removed from the camera to avoid the trouble experienced in test. No. 8. Previous tests had shown that there was about as much energy in the print portion as in the film portion, and as the film portion was more bulky, the print was used.

Some time just after tests had shown that the print was satisfactory to use, we received the telephone call that the eggs had just been injected, so we started the treatment. A short time later, the writer decided to clean up the laboratory and he collected several old polaroid films and prints and burned them. By mistake the film of the eggs under treatment was also burned.

It was the practice to make a check test by analysis every hour to learn the extent of the flu development as treatment proceeded. It was noted that the flu rates had dropped to zero. Nothing like this had ever happened before. A search was made for the negative to test it and it was then discovered that the film had been burned. The virologist was notified and tests No. 12 and No. 13 were cancelled. The eggs were not harvested, but were allowed to remain in the incubator.

While test No. 12 was not completed, we are positive that the flu would have

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developed to the full values as in test No. 3. We did, however, learn a most important fact. The line of "communication" cannot be broken or interfered with, between the specimen and the parent from which it was taken, without destroying the possibility of effective treatment.

There were were six eggs left over from those used in the No. 12 and No. 13 tests. They were divided into two groups of two good embryo and one fair embryo in a metal can and placed in the same incubator with the three being treated. The top was left off the can to allow the eggs to breathe (get fresh air). At the end of the incubation period, all were found to be treated. This was the best test of all made. The three treated eggs showed flu clear, that is, no flu at dilutions of 1/40, 1/20 and 1/20, each egg being tested separately. Two of those in the can showed 0 flu. The other showed none at 1/40 dilution. This was TOO GOOD to be true. Both virologists examined the results and there was no question about it.

From the above report of tests made, it should be evident that there is some merit to the method of treatment described. While all tests were not positive, several tests were positive beyond question. In those cases where there were negative results, there was always a reason found for the failure.

Some very important discoveries of the behavior of Eloptic energy in treatment were uncovered. There is much yet to be done but even at the present stage of the techniques employed, it is superior to anything yet developed by orthodox medical research as there is no known "cure" or effective treatment known that will combat the flu virus used in these tests. The writer was so advised by the two virologists who were always present at and conducted the tests above reported on.

These tests were run between November 3, 1954 and February 10, 1955.

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The Story of Eloptic Energy

LUKEMIA IN WHITE RATS

RATE		RAT No. 20	RAT No. 21	
9-49	Gen'l Vitality	27	42	
2-76	Heart	122	243	
92-83	Lungs	55	47	
3-82	Kidney	39	155	*
17-29	Liver	136	156	
45-29	Liver, Lft. Lobe			
44-41	Lymphatics	233	158	
4-95	Spleen	21	51	
35-92	Bone Marrow	17	52	
23-25	Chlorophyll	103	48	*
16-28	Pineal	216	148	
59-77	Thymus	150	48	*
6-87	Pituitary	32	153	*
74-65	Pituitary Ant.	23	37	
56-23	Pituitary Post.	122	151	
3-9	Adrenals	48	43	
33-39	Adrenals Cortex	31	39	
28-23	Adrenals Medulla	147	152	
6-81	Thyroid	31	47	
86-4	Parathyroid	148	244	
39-24	Parotid	59	45	
77-84	Stomach	58	152	*
16-25	Duodenum	37	33	
13-64	Gall Bladder	247	152	
9-70	Pancreas	43	39	
36-35	Pancreas Is. Long	156	47	*
8-72	Colon Wall	29	37	
3-8	Appendix	9	11	
5-91	Prostate, M.	136	152	
37-94	Testes, M.	142	155	
59-92	Breasts, F.	38	140	*
3-54	Ovaries, F.	132	146	
10-61	Uterus, F.	23	19	
5-62	Nerves	147	147	
26-41	Alkalinity	41	52	
34-84	Acidity	247	57	*
82-42	Sodium	29	50	
37-93	Chlorine	152	151	
3-23	Neurasthenia	237	248	
10-81	Menopause	23	11	

Two white rats were injected with Lukemia Virus June 9, 1954, in a virology laboratory, and we had an opportunity to get specimens from them and run tests June 15th, six days later. The following data indicates the effect of the virus on the organs and parts of the body. No attempt to treat was made.

NOTE: Those places are marked which show any difference in effect on the two rats.

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Kansas City, Mo.

On Thursday evening, June 6, 1946, our daughter began showing signs of nervousness and coughing. We were unable to get Dr. Gilkey that night, but the following day we took her to him and he gave us a prescription to get filled. Saturday morning the doctor came by and he decided she should be in the hospital. We took her to the children's hospital at St. Luke's.

Saturday, our boy, J.D., 3 years old, began to run a fever and started coughing. He was given a prescription which we had filled and he started taking. He showed no signs of improvement and on the following Tuesday he was admitted to the hospital. He was in the same room with his sister but showed no signs of recognition.

On Tuesday evening Sharylon died, in spite of the fact that Dr. Gilkey and the house physician had done all that they knew how to do. They had held consultation with other doctors, and we had called Dr. Walthall in for consultation Tuesday morning, but he said she was too far gone then. He said it was like calling a fire department after the building had burned.

We gave the doctors permission to perform an autopsy on Sharylon, so that they might find something that would help the boy. They said they would have to send specimens out and have them cultured as there was no place in Kansas City they could do it, and it would require three days.

Thursday morning I received a call from my superintendent, Mr. Bates, at Wilcox Electric, and he told me of a friend of Mr. Wilcox's who saw in the paper about our children, and had called him and told him he had an instrument with which they thought they could help our boy. There would be no charge for the use of their instrument or their services if we cared to use it.

I called this man and he explained as much as he could over the phone, and with what knowledge I had of radio I thought it might work. He told me it would not be necessary to bring the child to the instrument or take the instrument to the child.

Thursday evening after visiting hours at the hospital we got a specimen from the boy and went to see them. J.D. did not recognize us or anybody as we left the hospital, but just stared through his bed rails, with a high fever a little over 104.

We arrived about 8:30 P.M. and they immediately began to analyze the specimen. Within 30 minutes, without our telling them anything about the boy, they told us all the doctors had told us and also what the doctors told us about the disease three days later when the specimen they had sent to be cultured was returned. After the analysis they started treating the condition. They said when the boy started getting relief he would probably go to sleep and his fever would drop.

We called the hospital at 10 o'clock and the boy had gone to sleep.

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We left around 11 o'clock when they assured us the boy would be better in the morning. We stopped at the funeral home for a while and upon arriving home we called the hospital. It was 12:15 o'clock and the nurse said J.D. was still asleep, and they had not awakened him to take his temperature. We insisted they take it and they did. His temperature had dropped to 99.7 degrees. All through the night we kept calling the hospital, but the boy slept through the night and his temperature remained down.

Friday A.M. at 9 o'clock we went to see him and Dr. Gilkey had another doctor in to see him. Both seemed amazed. J.D. was swinging on the bed putting his feet through the bed rail guards. He said, "Daddy, I want a bacon and egg sandwich." Dr. Gilkey said, "I believe your boy is going to be all right." He gave him the food, the first he had eaten since entering the hospital. The only comment Dr. Gilkey ever made about his recovery was "things sometimes happen this way." We asked the hospital doctor if the blood they had taken from me and injected into his body (not into the veins) had brought about the change. He said "No, I think the Penicillin just started working." They had told us previously that if it did not work in 48 hours it would not work. We did not tell them what we had done.

J.D. was held at the hospital for further observation. He continued to improve and was released about a week later. It has taken a long time for him to throw off the effect of all the Penicillin he had taken.

Our children had never been sickly or ill up until the time they were attacked by this disease. One doctor told me it was this fact that caused them to be unable to overthrow this illness. Another blamed our children with having poor lungs, but the doctor who delivered our children said this was untrue, that our babies were perfectly formed in every way, and their health records up to this time proved his statement.

We know that the treatment our son received from this source saved his life, and we are equally sure had we known of it in time we could have saved our daughter.

We have since used these treatments on other members of our family for various illnesses and have received the same remarkable results.

Jesse & Nadine Reed

Note: The diagnosis made later by physicians was "Aplastic Anemia," in both cases.

ELOPTIC ENERGY

A form of energy has been uncovered, that until recently, had been overlooked by the orthodox scientific world. Because this energy has some of the characteristics of electricity and some of the characteristics of optics, a word has been coined for its name. It is ELOPTICS, and this name will be used to denote the energy throughout this article.

At the outset, it should be made very clear, that ELOPTIC energy is not ELECTRICITY. It is in no way to be considered as any form of electro-magnetic energy. It is not a projection of Alpha or Beta particles, neither is it any form of Gamma Rays. A few simple experiments will soon convince anyone that these statements are true.

Thales, in the seventh century, discovered static electricity, but it was not until the work of Galvani and Volta that there was any appreciable progress made toward utilization of the energy. It was not until the advent of the Flemming valve (two element vacuum tube) and the DeForest three element vacuum tube, that science found out what electricity really was. Then the use of electricity really started to skyrocket.

The same has held true for the development and use of Eloptic energy. It was probably first noticed when man started to think and emot. It got its first real start towards recognition in the early thirties, and it took the editor of a science fiction magazine to give it the publicity that has made a few, but very few scientific minded investigators realize that there might be something new under the sun. Thanks to John Campbell, we few who have struggled to find some of the laws of behavior of Eloptic energy now have an enthusiastic sponsor. This article is being written for the benefit of these scientists who, though few in number, still have the courage, while keeping one foot on the ground, to be willing to lift their heads into the clouds to see if there might be something hidden there. May the light of the pioneer shine forever.

Behavior Characteristics

Eloptic energy, just as does electricity and light, obeys certain apparent laws. A few of these laws have been discovered. There is much more work to do than has already been done. This means that the real investigator can have a field day. It has been definitely proven that each isotope of every element that makes up our material world radiates Eloptic energy. The radioactive isotopes seem to radiate Eloptic

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energy to a greater distance than the more inert isotopes. This distance varies from inches to a few feet.

Eloptic energy exhibits different characteristics, just as electricity can be static, dynamic, direct, alternating, have different wave shapes, and other similar characteristics. It can be conducted over certain conductors, insulated by certain materials, shielded, dissipated into the ground, radiated through "space," stored (much as a static charge in a condenser), generated, (as electricity is said to be generated), amplified or increased in intensity, and manipulated in many ways similar to the manipulation of electricity.

It can be refracted through a prism, focused with a lens, diffracted with a grating, reflected with a mirror, conducted along light rays and manipulated much as light is with similar devices. Strong light shining on an Eloptic energy device can dissipate the energy or draw it away from the device.

Eloptic energy can be "tuned" into. It acts as a radio wave in that it exhibits a characteristic of having a frequency. It will respond to variations of the three electrical characteristics of resistance, inductance and capacity. It can also be tuned into by adjustment of focal length of a lens and the angle of refraction through a prism. The latter method is the one employed in the analyzer built by John Campbell as described in the June 1956 issue of the magazine. The angle of refraction, measured from the face of the prism, is in direct proportion to the atomic weight of the element.

A magnetic field works on Eloptic energy much as it does on a static charge or an electric arc. X-rays and ultra-violet rays also effect Eloptic energy, destroying it or dissipating it. For hours, after the release of Atomic energy, such as setting off a bomb, Analyzers operating on Eloptic energy go really crazy. All effects are erratic and the releases from elements seem to be increased out of all proportion to the values normally obtained.

This may come as a surprise to some, but it is true nevertheless, emotional energy directed by thinking, also effects Eloptic energy. Practically nothing is known about the energy involved when we think or produce an emotion. We know that an emotion can produce a powerful effect upon the human anatomy, such as the glands that produce perspiration, tears, the release of Adrenaline, etc. Thoughts, coupled with some emotional energy can be projected by a person and the effect measured, by measuring or noting the effect on the radiation of Eloptic energy from certain materials or substances.

Eloptic energy effects everyone. Some people are much more susceptible to its effects than are others. Probably for this reason, some people cannot operate an

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analyzer (Eloptic radiation detector and measuring device), some others become excellent, accurate operators, and others are very erratic in the results they get from an analyzer. Generally speaking, the coldly analytical, methodical person does not become a good operator. Neither does a highly emotional person. All of this because of the probable effect that Eloptic energy has on them.

Detection

Various means have been used to detect the energy from the Analyzer. An early method was to connect the output of the analyzer to a "subject"—a healthy young person—and then percuss his abdomen. When the energy was coming from the analyzer, the sound would be different than when there was no energy.

One of the first derivatives from this method consisted in rubbing a glass rod over the abdomen of the "subject." The presence of the energy from the analyzer would then be indicated by a dragging or sticking of the rod. Next it was found that the operator could also act as "subject," by connecting himself to the Analyzer and observing the drag when the glass rod was rubbed over the inside of his forearm.

The next step was to eliminate the "subject" as such altogether. This was accomplished by using a glass plate under which was a sheet of gold leaf connected to the Analyzer. This plate was rubbed with the hand or fingers, giving a reaction similar to the glass rod and the operator's forearm.

Soon various other surfaces were tried and found to be satisfactory. One of the most effective was a strip of soft leather a half inch by three inches, saturated with India ink and coated with photographic retouching fluid. The only disadvantage of this surface was that it had to be renewed frequently.

From these experiments it emerged that a successful detection unit has two basic requirements: (1) it must either be conducting or have a conducting electrode or coil that will receive the energy from the Analyzer; (2) it must include a surface that is fairly smooth, but which exerts a certain drag when rubbed by the operator. The first requirement is fulfilled by either a coil or a metal plate situated under any suitable contact surface.

The second requirement is very well satisfied by the emulsion side of a photographic plate of film negative, and both of these are still used. The disadvantage of this type of surface is that it must be kept very dry, as moisture softens the emulsion and causes rapid wear. A more permanent surface is made by spreading many thin coats of lacquer on a metal plate. While this too will wear away, it can be made quite thick and therefore more lasting. A very sensitive and durable contact material is

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found in the plastics, such as Plexiglass. Either the clear or the black will work, but the black seems to be better. Other surface materials that have been used successfully are polished Bakelite or copper, stretched rubber sheeting, wood (either side or end grain), and wood-pulp paper.

Various adjuncts are often employed, either to make some of these surfaces work at all or to improve sensitivity. The most common of these are rosin, other resinous materials, talcum powder, oil of cloves (especially on the wood plates), powdered chalk, cotton or rubber finger stalls, a soft brush held in the hand, and zinc oxide surgical tape (sticky side out) on the operator's finger. Most modern instruments also are equipped with a heater under the contact surface.

An interesting sidelight is that a thin film of floor wax on the contact surface will absolutely prevent detection. Also, the least bit of chlorox or other fluid containing chlorine on the operator's fingers will completely deprive him of sensitivity—often for several days. Scrubbing the hands with strong soap likewise is bad. Even too much heat, as from the use of a flat iron, will desensitize the fingers.

It should be clearly understood that, in the light of our present knowledge the above apparatus cannot be termed a true detector—at least, not in the sense of a mechanism which is physically modified by X-energy in any way that can be registered purely mechanically. Some operators incline to the belief that such a modification definitely occurs, but as yet this has not been experimentally demonstrated. Other beliefs are that the plate merely reflects the operator's reactions, and that the ultimate detector is some mechanism in the operator himself, either neuro-muscular or psycho-neuro-muscular. But all are in agreement that the crying need today is for a purely mechanical detector.

1987 NOTE: None of the ideas advanced as solutions to this problem so far are solutions. Galvanometers measure the electro-static charge of the human skin. Computer circuits we have worked with not only are detrimental to human vitality, but work with them cannot be replicated successfully, which is one of the basic criteria of any measuring device for Eloptic Energy.

Eloptic Energy Instruments

The first instrument was the resistance type. It is subject to change because the resistance factor will not stay put, but it varies. The reason I went to variable condensers is because unless you hit it with a hammer, you cannot do much damage to it. It will not change.

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The word "stabilize" is completely misused now. It's very much like taking all the different shapes like the pyramid, cones, and tetrahedrons, and magnets that have an effect energy, and putting them all together because you think that if one is good, a whole lot of them will be better. Then you can get yourself in trouble! It's like the story about the general who got on his horse and galloped off in all directions. That sounds silly but many people do just that. You had better concentrate on one thing, and try to hold onto it. I have a tape somewhere in which properties of magnets are discussed. When we speak of resistance methods, we are speaking of resistance type instruments as opposed to the variable resistance type.

I can show pictures of resistance instruments I built. I discontinued building them because I know their frailty and shortcomings.

During WWII, I had a workshop in my basement. I hired two men who worked for an aviation company to work there after their regular working hours for 4 hours every evening. A number of doctors found out I had a workshop. When one of them had trouble with his instrument he would send it to me with the request to fix it and put it in good working order. I had the two workmen fix it. The word got out and then doctors were sending me instruments, several at a time. When the instrument came in, it was listed in a notebook by doctor's name, address and number. Then when the instrument was taken apart, all the things wrong with it were listed in the notebook, and when it was repaired, a list of all the things found to be problems, all the materials used and hours spent repairing it were written in the notebook, so I could bill the doctor for the repairs. Today I find this old notebook interesting because it tells of all the troubles that my employees found wrong with these instruments. What is remarkable is the great number of instruments we repaired. All of these were resistance type instruments.

A magnet in itself does nothing but concentrate energy. If a healer wants to concentrate, and has no other method, a magnet held in the hand, with the north pole extended, will collect the healer's own energy, intensify it into a beam. The magnet in itself is doing that.

The best illustration of that point is this: Take a lens out into the sunlight. If you hold a paper up into the sunlight, then the sunlight can be focused on that paper until a little bit of light touches the paper in its own way. If a lens with three square inches of surface is focused on the paper, you can then set that paper on fire by focusing the sunlight on the paper. By doing this, the energy of the sun in a three-inch-square area has been concentrated down into a point.

The earliest type resistance instruments were manufactured with sticks of carbon built in, with wires soldered on to the ends. Amounts of resistance the

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instruments were capable of were indicated by spots of varying colors (code) painted on. There were black and brown spots, then a spot of color, then three colors indicating the resistance.

There are three types of resistances available on the market. If a resistance has no color code painted on it, it is within plus or minus 20% of accuracy. That means that in 100 ohms, resistance would be anywhere from 80 to 120. That's a terrific range.

The next are the silver bands. If a resistor has a silver band around it, it is plus or minus 10%. That means that a 100 ohm resistance would be somewhere between 90 and 110, which is still too much for error.

If it has a gold band then it is plus or minus 5% and that means it ranges from 95 to 105. This 20% type costs a certain amount. The 10% type probably costs 5 times as much to buy, and the gold band will probably cost 10 times as much as this cheap one. Cheap ones are quite inaccurate.

Resistance instruments usually have many dials in a row, with three rows. They were put together in the decade fashion. They were all of one size, supposedly, but usually in the 100 ohm place you would find something else and the 100 ohm location had been changed. These would be made up, then fastened in the panel, the nuts screwed on, and then the terminals soldered. Careless construction!

The Specimen

The specimen use in both analysis and treating is most important. Improperly obtained, it can result in undependable results.

In the case of a human being, the specimen can be: a bit of blood on a piece of sterile paper or cotton, a bit of urine, saliva, perspiration or a few strands of hair. There are other types of specimens that will work but these will give the idea.

It is most important not to contaminate the specimen or destroy it by mishandling. A common mistake is e.g., with a 'Q' tip with saliva, placed in a test tube. So far this is quite good, then, the operator or someone else picks up the test tube in their bare fingers and deposits their perspiration on the outside of the test tube. Now, when the operator attempts to run an analysis on the person whose specimen is on the inside of the test tube, the operator is also getting the emanations from the one who handled the test tube, and thus, a wrong analysis will probably result.

The preferred specimen is for it to be inside a test tube. Here again, the contents of the test tube glass can be important. Most of the "soft" glass used in laboratories has lead in it that can be destructive to correct analysis. It has proved to be worthwhile to use only Pyrex test tubes. The contents will not be so apt to effect the

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analytical results and at least, all specimens will be effected the same way. Remember that everything in the universe is emanating a form of energy.

The specimen test tube should be kept away from "X" Rays, Ultraviolet Rays, and very strong light or heat, and most of all, away from Magnetic fields.

All of the above applies equally to specimens from plants or other animals. In the case of work with trees, a leaf from the tree can be placed in a test tube and it will work well. In some cases, where there is a disease of the leaves, it may be desirable to take a leaf that shows disease, such as a blight and carve out the affected part for one specimen and in another test tube, should be placed a new small leaf that does not seem to be showing the disease. In this way the disease can be isolated from the natural normal part of the plant.

When working with micro-organisms such as nematodes, it is important to get the organism that is to be analyzed free from contamination from other similar sized organisms. There are special techniques for 'washing' even micro-organisms.

A wrong analysis can be made from a properly made specimen, if the proper procedures are not followed; e.g., a mother comes to the doctor's office with a small crying baby. The doctor takes a proper specimen from the baby such as saliva on a 'Q' tip and puts it in a test tube. Then, because the baby is in pain or is in distress, the mother wants to hold the baby in her arms. All emanations from the baby are mixed with those from the mother and the doctor gets a hodge-podge of emanations from the specimen until he makes the mother lay the baby down on a table or other place where there are no contamination emanations.

There is no Magic involved. It is just following the laws of operation of Eloptic Energy.

My set of "pure" specimens contains over 40 of which about 35 have been run for angle or refraction (the others have only recently been added). This list covers most of the water from Lithium, No. 3, to Thorium No. 90 with several sets of at least five elements in a row.

My plan is to show that all elements refract at a different angle and in the order of the weight of the nucleus of the isotope tested; that several people can get the same results from the same instrument; that several instruments can be made that will work alike (show the same angle within half a graduation); that all instruments will differ if the angle of the prism is different or if the angle of incidence is different; and a few other things that may come up.

Now about this work here. I have been giving a lot of thinking to the subject. Remember when penicillin was first discovered, there was a lot of argument in medical circles. It is the first medicine to be accepted that would not work in a test

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tube, but would work only in a host. Germs and penicillin will get along well together in a test tube and the germs will thrive. Put the germs in a human being and then inject the penicillin, and it goes to work and kills the germs.

If just a poison is all that is necessary in our work, then a violent poison like DDT or arsenic should do the trick. It does not. Armstrong proved that. We have proven it many times. There are other factors involved and I am trying to uncover them.

There have been many books written about the AURA that surrounds people. Our modern religions do not accept many of the things that were generally accepted throughout the world at one time and are still accepted by more people than there are who do not. Those who have studied the subject agree that plants and all animals also have an aura surrounding them. This is a force field of some kind that has certain properties. One of the properties is its ability to shut out certain unwanted vibrations. Let's consider this as it might affect our work.

Recently, while using wevils in spaghetti, we had some interesting if "not what we wanted" results. We tested some wevils against reagents and found one that showed a solid zero vitality. I took the jar of at least fifty wevils out in the sunlight, opened the top of the large mouth jar and quickly took a photograph. I put the photograph and the reagent that tested zero in a treating instrument. To test the results overall, I took the jar of wevils in to another instrument and tested the entire jar. It showed zero vitality.

This indicated that some radiation was keeping the vital reading or radiation of the wevils from getting into the test instrument where it would have been measured. I thought we had it whipped until, after several days and many tests that showed the same zero vitality from the jar of wevils, we noted that the wevils seemed to be as lively as at the start. When the treatment was turned off, the vitality of the wevils jumped up and showed normal.

We have tried several variations on this and it came up the same every time. We had the same results with fly larva. Each time we were treating the larva or the wevil with what tested to run the vitality of the pest to zero. And still they lived.

We eliminated the possibility of the instrument being out of order by treating ourselves or others with definite positive results. Our pet, Boots, would not eat, his whiskers were drooping, his hair was lusterless, and he exhibited other indications that he was sick. With a few treatments he was okay again. This was enough to indicate that the instrument was getting results.

Just the other day after months of getting absolutely nowhere, I decided that we must not be attacking the problem from the right standpoint. I have eliminated the trouble with the photographs. I know that we can get results with the OLD polaroid

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prints. We have treated trees that were dying and had them start new leaves and blooms, using a photograph to treat with but using a new leaf each time when actually testing. e.g. We would take a leaf from a tree and test it for several things such as vitality; 14-64; 15-42; and other rates that indicate diseases, toxins, vitality etc. Then we take a photograph with the old polaroid film, put the photo in a treating instrument and treat with what was indicated for the conditions found. After a few hours, another leaf would be taken from the tree and tested. The results were noted. The treatment was continued for several days with the interim tests showing that the tree was responding. Then it was noted that new leaves were forming, buds developed and then blossoms showed.

With the leaf from the tree in one instrument and the photo in another instrument, one in the house and the other in the lab., the test showed a vast difference before the treating instrument was turned on and after it was started. In this way we could tell whether the photograph was working OK or not.

Adding up all these items, I came to the conclusion that we have been on the wrong tack. When we got results, it was always when the pest was either in the plant feeding on it or was fed with leaves from a plant that was being treated. In other words, we do not know of any time when we had results except when we treated the plant that the pest was feeding on, just as the germs did not die with penicillin in a test tube, but did die when the host was involved.

In this way, treating the plant to make it poisonous to the pest may mean that making a plant more healthy is the best way to eliminate its pests. We do know that healthy people can throw off disease or be immune to disease, while unhealthy people go down under it. On the other hand, we know that if we can get something into the plant that the pest will feed on that the pest does not like, it may be the means to get through that AURA or force field to the pest and thus destroy the pest. We cannot get through direct. Think about this a little.

Elements in Combination

Since everything in our material world is made up of one or more of the 96 known elements, and every isotope of every element and every combination of those elements radiates a characteristic frequency of Eloptic energy, then everything in the material world can be a specimen for analysis as to its contents or parts or their arrangement. This is a very broad statement but so far, we have not found anything that did not lend itself to analysis, limited only by the extent of our knowledge as to interpretation of findings or the availability of standards for comparison.

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Before we can analyze anything we must have a standard from which to start. This may be a very small quantity of an element in pure form that we can analyze and thus get the radiation frequencies of that particular element. We must do this for all the elements we expect to look for in the analysis of an unknown material, a material whose makeup we wish to know.

This has already been one for many of the elements, rather completely for some, in part for others. We have worked with over 40 elements and all respond in a similar manner.

Elements in combination can be used as standards for analysis. For example, pure distilled water can be used to find the frequencies from Hydrogen and Oxygen. We first analyze the glass test tube and the analyzer itself for all the frequencies radiating from the materials of which they are made and the amount of radiation from them. The test tube might have several elements such as boron, silicon, etc., and the instrument will have copper, aluminum, etc., but this does not bother at all. Next we analyze the water for those frequencies that show up over and above those from the empty instrument. The difference is in the water. Removal of the water specimen will quickly show whether the specific radiation was coming from the water or not. The procedure is relatively simple.

The radiations from the water will be found in two groups, one will be from the isotopes of Hydrogen, showing two stable and one radioactive, and the other group will be the isotopes of Oxygen with three stable and three radioactive. Reference to standard handbook will show this to be the expected pattern of frequencies.

It is fortunate that all the elements radiate frequencies whose values are in the inverse order of the weight or contents of the nucleus. This is more fully described later. This phenomena makes it very easy to chart the various elements as to their position in the frequency scale. You know just where to look for the radiations from any particular element.

In the case of such elemental combinations as the hydrocarbon groups, it is not easy to observe the individual elements from the frequencies radiated, because of the complexity of radiations from the different molecular groups. The frequency group for carbon is easily obtained from a diamond or graphite.

After the individual elements involved have been carefully standardized or charted, the molecular groups must be charted for those combinations in which you are interested, such as being able to quickly say whether a very small amount of Toluene has contaminated what should be pure Benzene.

Other types of standards have to do with quantity measurements.

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Naturally, as time goes on and research is continued, many additional uses for Eloptic energy will be uncovered. We already know that Eloptic energy can be generated or picked up from a natural source, filtered, amplified and directed into a tissue of the human body, a plant or animal to produce certain desired effects.

Refraction

When the Eloptic energy from an unknown material is caused to refract through a proper prism, it behaves in the same manner as energy from the visible portion of the spectrum, except that the angles of refraction are much more acute.

It must not be inferred that Eloptic radiations and visible light and ultraviolet radiations are the same or related because they all may be refracted through the same prism or that the frequencies are related. Eloptic radiations will behave similarly to the radiations of the electromagnetic spectrum in some respects and entirely different in other respects, showing that they are probably not the same energy at all.

A 31.5° glass prism with an index of refraction of 1.505 was used in one experiment. Eloptic energy from a number of elements was caused to enter the prism at an angle of incidence of 5.5°.

Using the face of the prism as "0" carbon (element No. 6) refracted at an angle of 18.25° to the face of the prism, and bismuth (element No. 83) at 48.25°. Later, hydrogen was found to refract through at 16.45°, a range of 31.8° for 83 of the elements of the material world.

Another arrangement employing a 24° prism with an angle of incidence of 17° showed hydrogen at approximately 7° from the face of the prism, and bismuth at 62.3°, or a range of 55.3° for the same 83 elements.

A 19° black plexiglass prism of 1.487 index of refraction with an angle of incidence of 19° allowed bismuth to refract through at approximately 65.7° and carbon at 12.15°. All of the angles were measured with a protractor in a somewhat crude way because of the construction of the apparatus, but they are very close to being correct.

If a 90° arc is drawn with the center at the point of Eloptic energy emergence at the face of the prism, between a line projected out in the direction along the face of the prism, it will be found that all of the radiations are refracted out in this quadrant (see Prism Refractor sketch). If the arc of the quadrant is divided into 1600 parts with "0" on the line extending along the face of the prism and 1600 on the line perpendicular to the face of the prism, then it will be found that with a certain apparatus arrangement, one of the isotopes of beryllium (Atomic No. 4) refracts through at

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approximately 186 on the scale and that bismuth (Atomic No. 83) refracts through at 1097 on the scale, and all of the other elements and their various isotopes refract through in their proper relationship, the one having the lowest nuclear weight indicating a higher frequency and a more acute angle of refraction, and the one with a heavier nuclear weight indicating a lower frequency and emerging at a less acute angle. The tests show that Eloptic energy obeys some of the laws of refraction just as does the visible portion of the electromagnetic spectrum.

Quantity

There are several methods that can be employed to measure the "quantity" of material in a specimen. In reality, we measure the intensity of the radiation, and since the intensity is to some extent dependent upon the quantity of material, we can get an idea as to the amount of material in that way.

The simplest method is to introduce resistance in the circuit until there is enough to block out or cause the Eloptic energy to stop reaction at the plate. The amount of resistance required is a measure of the intensity of the radiation.

There is an important factor about radiation that must be considered and that is, that the radiation varies with the surface exposed. If you take a given amount of an element in one chunk such as e.g., cadmium melted into a round pellet, it will indicate a certain amount of radiation. Then if you grind it up into a very fine powder and mix it with some inert material such as chalk, it will show a greatly increased amount of radiation. It seems that the radiation is released from the surface, and the greater the surface exposed, the greater the radiation indicated.

Again, standards are indicated. Test specimens of different forms of the material to be tested can be made up for reference in exact quantity measurement.

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Substantiation

At this point, the scoffer usually says, "That's all bunk!" Suppose we digress a moment and see to whom he directs his verdict of "bunk."

Dr. Robert A. Millikan, former president of the California Institute of Technology and Nobel prize winner in physics for this work of weighing the electron, once was speaking before a joint meeting of technical societies. He showed a large number of slides, the last of which was a smooth curve with "f" along the left margin and "e" across the bottom. He said, "Some day we will find that each of the elements (e) of material matter vibrates at a frequency (f), each different from the other."

Years later, Dr. I.I. Rabi of Columbia University won the A.A.A.S. prize for his work on nuclear resonance. Quoting from Science News Letter for January 6, 1940, on this work, we read, "Atoms can act like little radio transmitters broadcasting on ultra short waves."

ELOPTICS in Criminology

Dial setting	Body Tissue	Specimen evidence	Specimen suspect
9-49	Vitality	53	53
2-76	Heart	42	41
92-83	Lungs	56	54
3-82	Kidney	38	39
17-29	Liver	143	133
44-41	Lymphatics	133	138
4-95	Spleen	36	44
35-92	Bone Marrow	128	136
23-25	Chlorophyll	54	52
16-28	Pineal	177	131
59-77	Thymus	124	126
6-87	Pituitary	47	47.5
74-65	Pituitary Ant.	131	131
56-23	Pituitary Post.	47	31
3-9	Adrenals	129	145
33-39	Adrenals Cortex	54	48
28-23	Adrenals Medulla	134	134
6-81	Thyroid	39	34
86-4	Parathyroid	135	133
39-24	Parotid	54	55
77-84	Stomach	129	132
16-25	Duodenum	53	48
13-64	Gall Bladder	127	137
9-70	Pancreas	126	136
36-35	Pancreas Islands of Lang.	53	52
8-72	Colon Wall	137	152
3-8	Appendix	36	43
5-91	Prostate, M.	129	152
37-94	Testes, M.	48	43
59-92	Breasts, F.	-	-
3-54	Ovaries, F.	-	-
10-61	Uterus, F.	-	-
5-62	Nerves	54	54
26-41	Alkalinity	132	133
34-84	Acidity	112	128
82-42	Sodium	56	53
37-93	Chlorine	48	47
3-23	Neurasthenia	53	51
10-81	Menopause	-	-

One of the assistant district attorneys in a city was interested in finding out whether ELOPTIC energy might be used in crime detection.

A young woman had been raped and in leaving the room through a screened window, the man left a small bit of flesh and some hairs, caught in the screen wire.

Six suspects were being held for investigation. The lawyer obtained saliva specimens from each man and brought them and the "evidence" to our laboratory.

Five of the suspects were easily eliminated. The analysis of the sixth man and that from the "evidence," the flesh from the screen, are shown here.

NOTE: The difference in values is the result of the time lag between when the two tests were run, about 15 min.

However, a definite pattern is evident.

While not legal evidence, the authorities were able to obtain a confession.

Eloptic Energy

A form of energy hitherto generally unknown has been discovered, and a basic patent has been issued covering its use.

The name Eloptic has been coined and assigned to the energy. The word is taken from the first two letters of electricity and the word optic, because the energy has some, but not all, of the characteristics of both those forms of energy.

Eloptic energy radiates from or is in some manner given off from, or forms a force field around, everything in our material world under normal conditions at ordinary room temperature and without any treatment of any kind. Each element and combination of elements that make up our material world gives off this energy; however, the energy from each element differs in frequency from the radiation coming from every other element. Thus, we have a means of determining the contents of an unknown material by analyzing the radiations from it without in any manner destroying or disturbing the object or material in question, or having to excite it in any manner.

Eloptic energy obeys certain laws just as does electricity, heat and light, and we have uncovered many, but not all, of these laws and have learned much about the utilization of Eloptic energy.

Just as electricity in its infancy had few uses because little was known about conductors, insulators, and the laws governing the action of the force, so is the use of Eloptic energy today limited only by available knowledge.

We have barely scratched the surface of the possibilities; however, there are quite a few uses that have been developed and much is already known about the behavior of Eloptic energy.

We have identified the radiations from over one-third of the elements of material matter; the ones easily obtained in relatively pure form such as beryllium, carbon, magnesium, aluminum, iron, copper, zinc, silver, tin, tantalum, platinum, gold, lead, bismuth, etc. Carnotite ore has been analyzed for radium and uranium. Many ore samples have been analyzed to determine the various elements contained in them, and the findings have been verified by more extensive chemical spectrographic or other analytical methods.

Combinations of two or more elements give off a characteristic frequency of radiation by which the combination may be identified. For example, hydrocarbons such as benzene and toluene have been analyzed and the findings verified by spectrographic and chemical analysis.

Eloptic energy can be verified by spectrographic and chemical analysis.

The Story of Eloptic Energy

Eloptic energy can be conducted along light rays, focused with lenses, refracted with a prism and its effect implanted upon photographic film.

An aerial photograph film taken at several thousand feet elevation can be used to determine the condition of trees or plants over a large area.

The apparatus can be set for any elements such as DDT residue, a stylus placed on the spot on the film to be analyzed, the energy implanted on the film can be picked up by the stylus, conducted through the instrument, and if there is the Eloptic energy of DDT on the film it is evident that there was DDT radiating the characteristic DDT frequency even though not visible to the eye.

Plants can be analyzed to determine whether the root, stem, or fruit contains the elements necessary for proper nutrition, such as iron, copper, manganese and other trace elements. The plant or fruit can also be analyzed to determine whether it contains arsenic or other poisons from sprays.

Fertilizers, sprays and poisons can be checked to determine their effect upon the plant or tree. Those substances to which a plant is allergic and those which are compatible can be quickly identified.

Thus far, only the analytical phase of the utilization of Eloptic energy has been discussed, and that only in a very limited way; but it should be evident that Eloptic energy has desirable applications in the fields of:

1. Laboratory Chemical Analysis
2. Mining
3. Prospecting
4. Medicine
5. Nutrition
6. Animal Husbandry
7. Horticulture

Patents

Patents covering the use of this energy have already been issued in the United States, Canada and Great Britain, and other patents are on file in the United States patent office.

There have been two assignments made from the United States patent. The use of the energy for diagnosing, etc., in the medical field for human beings, and in the chemical laboratory analysis of liquids, alloys and compounds has been assigned to a corporation of Missouri known as Radiation Laboratories, Inc.

Explaining the Unexplained

All the other many uses under the United States patent and the entire coverage of the Canadian and British Patents remains the exclusive property of the inventor.

Radiation Laboratories, Inc.

This Missouri Corporation was organized for the purpose of obtaining the additional financing deemed needed to continue research in the development of special apparatus to sell to the medical field and to the chemical laboratories.

It was set up as a complete coverage corporation that can engage in any legal form of business, with \$100,000.00 of Capital stock of \$100.00 par value each and approximately \$73,000.00 is paid up. The inventor took 51% for the patent assignments.

This corporation started business in 1948 and developed equipment and sold it to doctors. The approximate gross business for the first three years was \$16,000.00, \$35,000.00 and \$60,000.00. Then it dropped to \$10,000.00. This seems to be a result of the fact that the medical fraternity did not approve of the idea and doctors were afraid to use the equipment on that account.

Those doctors who do not come under the rules of the American Medical Association, who bought our equipment, have used it with, in many cases, very unusual results. (This from letters received from some of them.)

Because of this situation, it was decided to stop the manufacture of the equipment in June 1951. Since that time our efforts have been to interest the chemical laboratory field and continue further research on refinement of both equipment and technique of operation.

Future Plans

As a result of experience to date, it is felt that we should enlist the aid of someone or some group who have vision, organization ability and the financial resources to take over and direct the activities.

The possibilities covered by this discovery are so great as to stagger the imagination, both for humanity and financial return. Much work remains to be done in research and development of uses and equipment. It is the idea of the inventor that if he can be relieved of the financial and operational duties and spend the last of his life his time in research, it will be utilizing talents to the best advantage.

There has been practically no publicity given to the discovery of the Eloptic energy. This was desirable while the patents were being obtained. Since the release

The Story of Eloptic Energy

of information will probably produce some violent reactions in the scientific world, it has been the advice of those who should know, that the stage be properly set and that the releases be through men in the scientific world whose integrity is unquestioned, so as to avoid the undesirable results of adverse criticism and publicity. We have carefully followed this advice; however, we feel that we have progressed far enough in research and development of equipment that we are now ready for the right kind of publicity.

Bibliography on Mitogenetic Radiation

- Castaldi L. Stato attuale delle questioni sull'effetto Gurwitsch
Atti 4. Congr. naz. Radiobiol. 173-184 (1940)
- Jeanneney, Wangermex et Ladignac. La detection des rayons mitogenetiques per les anneaux de Liesegang. Presse med. 1941 I, 456-457
- Pesotchensky B. La reaction de l'irradiation mitogenetique et la reaction d'extincteur dans la castration. Akus.i.Ginek. NR. 3/4, 8-10 (1940) (Russian).
- Tschernievskaja N. Les radiations mitogenetiques du snag comme methode de diagnostic precoce du cancer. Chirurgija Nr. 1 89 (1940) (Russian).
- Lozman. L.A. Mitogenetic radiation of the blood and cerebro-spinal liquor in patients affected with chronic epidemic encephalitis. Arch. Biol. 59 Nr. 3, 41-44 (1940) (Russian).
- Salkind S.I. et M.B. Novikov. L'eteigneur de la radiation mitogenetique dans las organes de l'animal cancreux. Acta med. URSS 2, 127-131 (1939) Arch. biol. Nauk 51 Nr. 3, 45-55 (1938).
- Siebert W.W. und H. Seffert. Die Blutstrahlung und die Rusloschung mitogene tischer Strahlund bei Krankheiten. Blochem. Seitschr 301, 307-314 u 436 (1936).
- Kapralov A.A. Mitogenetische Strahlen und die Moglichkeit ihrer Anwendung in der Tierheilkunde. Sovet. Vet. NR. 12, 50-53 (1939) (Russisch).
- Barth, Hans and O. Glasser. Further studies on the problem of mitogenetic radiation. Radiology 33, 25-33, 1939.
- Novikov M.B. The effect of extirpation of cancerous tumors on the presence of the extinguisher of mitogenetic radiation in the blood and organs of the white mouse. Arch. biol. Nauk 51, NR. 3, 56-63 (Russian).
- Gurwitsch A. und L. Burwitsch. Deutung der mitogenetischen Strahlung also "sensibilisierte" Fluoreszenz. Acta physicochim. (Moskva) 10. 719-724 (1939).
- Burwitsch A. et L. Gurwitsch. Rayonnement mitogenetique de degradation. Bull Biol. et Med. exper. URSS 4, 59-460 (1937)

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Belov G. Stationary waves of mitogenetic radiation of the nervous trunk. Arch. biol. Nauk 47 Nr. 3, 1436-151 (1937).

Nudolskaja O.E. Diagnostic von Krebs und seiner Initialerscheinungen der weiblichen Geschlechtsorgane mit der Methode der mitogenetischen Strahlung. Akus. i. Ginek. Nr. 9-10, 39-45 (1937) (Russian).

Hollaender A. The present status of mitogenetic radiation. Radiology. 32:404-410 (1939).

Chastine N.P. Uber die Rolle der Ovarien in der mitogenetischen Strahlung des Blutes. Chirurgija Nr. 9, 144-146 (1938) (Russian).

Jeanneney, Wagnermez, Ladignac et Labail. La radioactivite des tissus neoplastiques. Valeur des anneaux de Liesegagn comme systeme detecteur. Arch. Electr. med. 46, 230-256 u. 257-264 (1938).

Gurvish a. and L. Burvish. The "extinguisher" in cancerous blood, its importance for diagnosis, and the "Anti-extinguisher." Arch. biol. Nauk 51, Nr. 3, 40-44 (1938) (Russian).

RADIATION

LABORATORIES, INC.

January 3, 1948

EXPERIMENTAL SPECIAL DATA BULLETIN

VOL. 1 - No. 1

WEIGHT CONTROL

There is what we believe to be a part of the liver which, when properly stimulated, seems to have a decided effect on the weight reduction of an overweight person. It comes at 12.5 - 31.5 on the Electro Biometer.

In thin people it normally will show an intensity reading higher than the normal vitality rate (9-49). In fat or overweight people it will show an intensity value lower than the normal vitality.

Procedure: Treat for three to five minutes daily with the dials set at 12.5 on the left hand dial and 31.5 on the right hand dial. (Note that the left hand dial pointer must be halfway between 12 and 13 and the right hand dial pointer must be halfway between 31 and 32.

One patient lost seven pounds during the Christmas holiday season in spite of Christmas dinner and several days of overindulgence of sweets, etc. There were no ill effects of any kind from the treatment; the patient felt fine; the flesh is staying firm and there are no other unusual discomforts such as flabbiness, tiredness, excessive

The Story of Eloptic Energy

desire for food, etc. There was no effort made to diet or in any way control or reduce the food intake. There has been no noticeable effect on the stomach or digestive system. The excessive fat just seems to be slowly melting away.

There are absolutely no claims of any kind to be made for this procedure at this time. The theory was advanced first by a doctor in Pennsylvania and to him go the orchids. Inquiries will be directed to him if desired.

You are requested to try this procedure and report your finding and results to us that we may incorporate them and publish them at a later date. The information given in this bulletin is experimental and for professional use only.

Louise Hieronymus, Technician.

RADIATION

LABORATORIES, INC.

February 16, 1948

EXPERIMENTAL SPECIAL DATA BULLETIN

VOL. 1 - No. 2

CONSTIPATION

For professional use by those doctors who are properly qualified.

We have had many favorable comments on our first experimental bulletin on "Weight Control" and we wish to take this opportunity to thank the doctors who took time out from their busy practice to write us. Our purpose and desire is to pass along that information and those rates which have been tried and proven, or are being experimented with by doctors in the field who use our type of equipment.

Since there have been so many requests for information and rates on the treatment of constipation, we have decided to discuss that subject in this bulletin.

Some of our doctors tell us that they are getting excellent results with the simpler cases of constipation by treating on 9-70 (pancreas); 13-64 (gall bladder); and 8-72 (colon wall). The length and frequency of treatment must be determined by the doctor in each individual case; however, a five-minute treatment on each of these rates seems to be producing desirable results. (With older types of instruments the treating time may have to be increased.)

As a supplement you might have your patients drink one or two glasses of warm water each morning upon arising. For best results use an exact pint of water as hot as can be taken, to which has been added an exact measuring teaspoon full of salt. There are, of course, more serious cases of constipation which will require a careful study before attempting treatment. Such cases should be completely analyzed on the Electro Biometer and a careful diagnosis made.

Explaining the Unexplained

No claims are made for any of the data, rates, or methods covered in these bulletins. The information must be considered as experimental in nature and should be followed only after you have given careful consideration to the many factors involved in each specific case.

We welcome your comments and ideas on these bulletins and will appreciate receiving your suggestions for future issues.

Louise Hieronymus, Technician.

RADIATION

LABORATORIES, INC.

March, 1948

EXPERIMENTAL SPECIAL DATA BULLETIN

VOL. 1 - No. 3

FEVER

For professional use by those doctors who are properly qualified.

In the past one of the most difficult tasks which confronted the doctor was to determine the cause of fever. Thanks to the advent of the Electro Biometer this task is not nearly so difficult because our doctors tell us that in many cases involving fever, the basic infection may be found in the spleen.

The procedure is to set the right hand tuning dial on your analyzer at 95 (the location rate for spleen) then set the left hand tuning dial for first one, then another of various infections, testing each until one or more infections are found that give fairly high readings as measured on the intensity dial. The single dial setting for some of these infections are 2 - Virus Pneumonia; 4 - Malaria; 10 - Undulant Fever; 14 - Meningococcus; 38 - Flu; 42 - Tuberculosis; 48 - Virus "X"; 68 - Flu or grippe, etc. As an example, Virus "X" in the spleen may be found by setting the tuning dials at 48-95. Undulant Fever in the spleen would be at 10-95.

After you have looked for all of the usual infections and do not find any which show high readings of intensity, then try the following:

1. Set the right hand dial at 95.
2. Set the intensity dial at some value above the vitality reading, e.g., at 20.
3. While trying for a reaction on the plate, slowly rotate the left hand tuning dial from "0" up until a reaction is noted.
4. Leave the dial at the point where the reaction was noted and measure the intensity.
5. Reset the intensity dial at 20 as before.
6. Continue around the left hand dial until all points have been measured where

The Story of Eloptic Energy

a reaction is found.

7. Each of these points on the left hand dial except for a few exceptions will represent an infection of some kind, and since they are fairly high in intensity you should look for them in other parts of the body.

If the above procedure is not too clear, or if you want more information on the use of the single dial tuning procedure, write us and we will be only too glad to give more data.

No claims are made for any of the data, rates, or methods covered in these bulletins. The information must be considered as experimental in nature and should be followed only after you have given careful consideration to the many factors involved in each specific case.

Louise Hieronymus, Technician.

RADIATION
LABORATORIES, INC.

EXPERIMENTAL SPECIAL DATA BULLETIN
VOL. 1 - No. 4
"POLIO"

For professional use by those doctors who are properly qualified and who have the proper equipment.

Since the season for Polio is fast approaching we will discuss that subject in this bulletin. If the case is diagnosed during the initial fever stage before any paralysis has occurred, it is possible (so our doctors tell us) to successfully treat the case and avoid any damage.

In the true cases of Polio there seems always to be three different virus present. They come in at 2, 3 and 14 on the "Infection" (left hand) dial of your Electro-Biometer. They are always found in the nerves, spinal cord, meneges, muscles and the muscular response area of the brain. These locations are 11, 27, 50.5, 41 and 46, respectively. (Note that 50 1/2.)

To diagnose the case, set the left hand dial of your Electro Biometer at 2 and the right hand dial at 11, and check for No. 2 virus in the spinal cord. Continue to check 2-50.5 for No. 2 virus in the meneges; 2-41 in the muscles; 2-46 in the muscle response area of the brain. Next, set the left hand dial for the No. 3 virus in those same locations; e.g., 3-11; 3-27; 3-50.5; 3-41 and 3-46. Check for the last infection No. 14 by checking 14-11; 14-27; 14-50.5; 14-41 and 14-16.

To treat the case, treat on the same rates until a re-check shows that all of the three

Explaining the Unexplained

infections are gone from the five locations. When there is fever, all three virus will be found in the spleen; e.g., 2-95; 3-95 and 14-95. If nauseated, look for them in the stomach — 2-32; 3-23 and 14-32. These three infections may be found in many other places, but the elimination of the infections in the first-mentioned five locations will avoid destruction to muscles and nerves. In more advance cases it may require repeated treatments over several hours. You can only be sure by re-checking on the Biometer and treating until the fever breaks and the three infections are eliminated. If paralysis has already started, the case will be slower in responding to treatment however, paralysis can be arrested and further destruction avoided. The muscles and nerves can be stimulated by treatment for not to exceed two minutes on 1-11 and 1-41 respectively. Longer than two minutes treatment on these two rates may result in nervousness.

No claims are made for any of the data, rates, or methods covered in these bulletins. The information must be considered as experimental in nature and should be followed only after you have given careful consideration to the many factors involved in each specific case.

We will appreciate hearing from you as to your results.

Louise Hieronymus,
Technician.

RADIATION
LABORATORIES, INC.

May 1948

EXPERIMENTAL SPECIAL DATA BULLETIN

VOL. 1 - No. 5

VIRUS "X"

For professional use by those doctors who are properly qualified and who have the proper equipment.

At the time the papers carried the almost daily announcements of the epidemic of disease, the cause of which was unknown hence the name Virus "X," we were able to get data on some typical cases and work out the rates.

These rates have been tried out on many cases by quite a number of doctors with excellent results, so we feel that the time is right to pass the rates on for others to try out. As you have read in the papers, and as you no doubt have found in your own experience, the symptoms seem to fall into three basic classifications; namely, those involving the stomach and digestive tract, those involving the respiratory system and nerves, and those involving the lymph system and allied glands.

The Story of Eloptic Energy

Where there is nausea or abdominal pains or liver-gall-bladder disturbance, look for any or all of the following rates: 48-32 (stomach), 48-35 (gall bladder), 48-29 (liver), 48-8 (colon), 48-90 (colon), 48-82 (intestines), 48-94 (duodenum).

Where there is sore throat, dizziness and shortness of breath or tension, look for 48-37 (throat), 48-53 (upper lungs), 48-83 (lungs), 48-93 (lungs), 48-74 (lower lungs), 48-50 1/2 (meninges), 48-11 (nerves), 48-27 (spinal cord), 48-91 (skin).

Where there is swelling in the lymph glands usually accompanied by fever or chills, look for 48-44 (lymph nodes), 48-17 (lymphatics), 48-92 (thyroid), 48-98 (triode), 48-95 (spleen), 48-39 (parotid), 48-59 (salivary glands).

Sometimes in severe cases the symptoms of two or all of the above groups may be found. Sometimes this Virus "X" may be accompanied by one or more other infections, most common of which is milk virus -56. To check for the latter, substitute 56 on the left hand dial for 48 in all of the above locations, e.g., 56-29 for milk virus in the liver.

If the above procedure is not clear, or if you want more information on the use of the single dial tuning procedure, write us and we will be glad to give you more data.

No claims are made for any of the data, rates or methods covered in these bulletins. The information must be considered as experimental in nature and should be followed only after you have given careful consideration to the many factors involved in each specific case. We shall appreciate hearing from you as to your results.

See you at the Convention in Kansas City - August 27, 28 & 29!

Louise Hieronymus, Technician.

RADIATION

LABORATORIES, INC.

June 1948

EXPERIMENTAL SPECIAL DATA BULLETIN

VOL. 1 - No. 6

HAY FEVER

For professional use by those doctors who are properly qualified and who have the proper equipment.

Hay Fever, Rose Fever and similar terms have been used to describe what the layman thinks of as separate or different kinds of disease, but which are in reality just the specific aggravating medium which seems to produce the same symptoms, i. e., a running sinus and weeping eyes.

Explaining the Unexplained

The basic cause comes in at 85 on the left hand dial of your Electro Biometer. It is the Poison Ivy rate (2-85) which might better be termed an allergy rate so as to be all-inclusive, since the skin eruption known as Poison Ivy is only one form of manifestation. In Hay Fever the symptoms indicate the involvement of the sinus and eyes. Look for it in the following places: 85-51 (mucous membrane), 85-31 (connective tissue), 85-33 (sinus), 85-3 (frontal sinus), 85-9 (turbinates), 85-64 1/2 (cribriform area), 85-19 (conjunctiva), 85-79 (eyelids), 85-64 (lacrimal ducts), 85-68 (Eustachian tubes), 85-39 (parotid gland), 85-59 (salivary glands).

Oftentimes, secondary infections will accompany the 85 rate. This is especially true of the infection rates 32, 64 and 76, which produce a watery mucous. After checking for the 85 rate in the above list of locations, look for these three additional infections, e.g., 85-51 (Hay Fever in the mucous membrane), 32-51 (one of the watery cold rates in the mucous membrane), 64-51 (another cold rate in the mucous membrane), 76-51 (the last-mentioned cold rate in the mucous membrane).

Usually in conjunction with all allergies and skin conditions, the hepatic flexure of the colon will be involved. Look for the 85 infection in the hepatic flexure by checking 85-78.

If the above procedure is not too clear, or if you want more information on the use of the single dial tuning procedure, write us and we will be only too glad to give more data.

No claims are made for any of the data, rates, or methods covered in these bulletins. The information must be considered as experimental in nature and should be followed only after you have given careful consideration to the many factors involved in each specific case.

We welcome your comments and ideas on these bulletins and will appreciate receiving your suggestions for future issues.

MAKE YOUR RESERVATION NOW FOR THE CONVENTION IN KANSAS CITY.

AUGUST 27, 28 and 29.

Louise Hieronymus, Technician.

RADIATION

LABORATORIES, INC.

July, 1948

EXPERIMENTAL SPECIAL DATA BULLETIN

VOL. 1 - No. 7

ASTHMA

The Story of Eloptic Energy

For professional use by those doctors who are properly qualified and who have the proper equipment.

Asthma is a result rather than a cause. The general rate for asthma 2-29, and that of neurasthenia 3-23, will always be found; however, both of these rates may also be found in most nervous conditions and should not be considered as an indication of asthma.

Almost any of the listed infections may be found in the lungs during an attack of asthma, but the one most often found in the No. 2 Virus found in Virus Pneumonia. Check for it in the larynx 2-16, thorax 2-53, lower lungs 2-74, bronchia 2-83, upper lung 2-93, and in the thymus 2-77.

Look also in those same locations for the No. 3 Virus (e.g., in the thorax 3-53) the No. 4 bacillis (e.g., in the thorax 4-53), the No. 84 (e.g., in the thorax 34-53).

Note that the left hand dial is set for the infection, and the right hand dial for the location.

In stubborn cases of asthma the highest intensity of the infections may be found in the thymus, e.g., 2-77; 4-77; 60-77; 34-77; 51-77; 53-77; 57-77.

Check the heart for these same infections, e.g., 53-70; 57-70 and 60-70.

Check also for these infections in the cecum, i.e., 4-60, 51-60, etc., and the colon, i.e., 4-90, 51-90, etc.

If the above procedure is not too clear, or if you want more information on the use of the single dial tuning procedure, write us and we will be only too glad to give more data.

No claims are made for any of the data, rates, or methods covered in these bulletins. The information must be considered as experimental in nature and should be followed only after you have given careful consideration to the many factors involved in each specific case. We shall appreciate hearing from you as to your results.

Louise Hieronymus, Technician

RADIATION

LABORATORIES, INC.

August 1948

EXPERIMENTAL SPECIAL DATA BULLETIN

VOL. 1 - No. 8

"LOWER BACK PAINS"

For professional use by those doctors who are properly qualified and who have the proper equipment.

Explaining the Unexplained

Since so many of the patients coming to drugless physicians suffer from low back pains, we feel that the subject is worthy of special consideration at this time.

Sometimes these cases are of long standing and generally the usual adjustment produces only temporary relief. We know of such cases that had been treated surgically by the removal of teeth, tonsils, etc., but the condition was not alleviated.

In addition to the pain centering in the region of the sacrum it is often radiated into the groin and down the back of the legs.

The seat of the infection generally is found in the region of the pelvic floor and may be located by setting the right hand dial at 96 on you Electro Biometer whether in the male or female. Often in the male the condition will come in at 30 on the left hand dial - 30-96. Try also 34-96; 55-96 or 8-96. In the female the condition often will be found to be 60-96, 8-96 and sometimes 23-96.

Our doctors tell us that they have had excellent results by treating six or eight minutes on each of the above-listed rates as found. In cases which do not show definite relief after a few treatments, look for other infections in the same location - 96 on the left hand dial - or infections in the spinal cord. (Infections of the spinal cord and general nervous system will be covered in a later bulletin.)

When you have tried out the above procedure we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate your suggestions in future issues.

No claims are made for any of the data, rates, or methods covered in these bulletins. The information must be considered as experimental in nature and should be followed only after you have given careful consideration to the many factors involved in each specific case.

We welcome your comments and ideas on these bulletins and will appreciate receiving your suggestions for future issues.

Louise Hieronymus, Technician.

RADIATION
LABORATORIES, INC.
September, 1948
EXPERIMENTAL SPECIAL DATA BULLETIN
VOL. 1 - No. 9
"BURNS"

For professional use by those doctors who are properly qualified and who have the proper equipment.

The Story of Eloptic Energy

Burns generally are the most painful of the minor injuries and have often been fatal. Most common of this injury is, of course, sunburn. Every housewife has at some time or other been burned by hot grease or water while cooking, and every Fourth of July takes its toll in burns from fireworks.

If the victim can be treated properly and soon enough, the duration of the pain and length of time for healing can be reduced. If the patient is fortunate enough to get immediate treatment, it is often possible to avoid all blisters even in quite severe cases.

A bad case of sunburn can often have all the sting removed and blisters avoided if treated soon enough.

Two and sometimes three tissues are generally involved: the epiderma (85 on the location dial), the Derma and nerve endings (91 on the location dial), and the subcutaneous tissue (42 on the location dial).

In these locations you should look for 71 and 82 (burn rates), 55 (inflammation), and 40 (congestion).

Treat with the dials set at 71-85; 71-91; 71-42; 82-85; 82-91; 82-42; 55-85; 55-91; 55-42; 40-85; 40-91; 40-42.

It has been found that people whose pancreas (9-70) is high and functioning well will not sunburn easily, but will tan instead. Please check this and see if your findings verify this observation.

When you have tried out the above procedure we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate your suggestions in future issues.

No claims are made for any of the data, rates, or methods covered in these bulletins. The information must be considered as experimental in nature and should be followed only after you have given careful consideration to the many factors involved in each specific case.

The convention - August 27, 28, 29 - was a huge success. We congratulate those who attended and commiserate with those who didn't.

Louise Hieronymus,

Technician.

RADIATION

LABORATORIES, INC.

October, 1948

EXPERIMENTAL SPECIAL DATA BULLETIN

VOL. 1 - No. 10

"HEART TROUBLE"

Explaining the Unexplained

For professional use by those doctors who are properly qualified and who have the proper equipment.

Many people have given up a useful life and gone to bed or to an early grave because of heart trouble. The majority of these might have been returned to health if the proper treatment could have been administered.

One of the most common forms of heart trouble is the infected heart where there are no physical defects or abnormalities. In most of such cases the infection will be found in both the heart and the splenic flexure of the colon. We believe there is a direct reflex between the two locations.

The infections most often found, especially in cases of tachycardia or irregular heart, are B. Coli. and Flu. They may be found by testing on your Electro Bio-meter with the dials set for 62-70 (B. Coli. in the Heart); 62-80 (B. Coli. in the Splenic Flexure); or 38-70 (Flu in the Heart); and 38-80 (Flu in the Splenic Flexure).

In extreme conditions where there is great weakness or collapse as in an acute heart attack, you may find either or both of two virus at 53 and 57 respectively, on the location dial. Test for them with the dials set at 53-70 (the 53 virus in the heart); 53-80 (the same virus in the Splenic Flexure) and for 57-70 (the other virus in the heart); and 57-80 (the other virus in the Splenic Flexure).

In cases of this kind, be sure to look for those virus also in the liver (53-29 and 57-29); in the kidneys (53-23 and 57-23) and in the spleen (53-95 and 57-95).

Treat on all of the above rates that are found on the analysis until a re-check shows them to be eliminated.

If a recovery is not evident, look for other infections in the same locations.

When you have tried out the above procedure we will appreciate your writing us as to your results. We welcome your comments and ideas on these bulletins and will incorporate your suggestions in future issues.

No claims are made for any of the data, rates, or methods covered in these bulletins. The information must be considered as experimental in nature and should be followed only after you have given careful consideration to the many factors involved in each specific case.

Louise Hieronymus, Technician.

RADIATION
LABORATORIES, INC.

November, 1948

EXPERIMENTAL SPECIAL DATA BULLETIN

The Story of Eloptic Energy

VOL. 1 - No. 11

"THE COMMON COLD AND FLU"

For professional use by those doctors who are properly qualified and who have the proper equipment.

Of all the drugs, medicine, nostrums, inhalants, lotions, salves, baths, and special therapies in use today, there are more of them designed to fight the common cold and flu than probably any dozen other ailments of mankind. Some peoples wear by some special remedy while others obtain absolutely no results from that particular "cure." Then again, a certain nostrum works fine one time and fails completely the next time. The explanation lies in the fact that there are dozens of different causes of colds and flu, and that they each require a different treatment. Some produce a watery discharge and others a heavy mucus; some cause swelling of the mucus membrane and others a dry burning sensation; and some are accompanied by fever and others by aching muscles.

The outstanding characteristic common to all is inflammation of the mucus membranes, which will be found on the Electro Biometer at 55-51 (55 being inflammation and 1 the mucus membranes).

To determine the cause in all such cases, it is almost necessary to employ the single dial method of analysis in which the infection or condition will be found on the left hand dial and the location on the right hand dial.

The more common causes (found on the left hand dial) and accompanying symptoms are:

- 3 - Heavy mucus
- 5 - Jelly-like mucus and swelling
- 32 - Watery discharge
- 34 - Pain
- 38 - Congestion
- 46 - Nausea, vertigo and swelling
- 48 - Swelling
- 64 - Watery discharge
- 68 - Aching muscles and congestion
- 76 - Watery discharge

The locations more commonly involved and the right hand dial setting are:

- 3 - Frontal Sinuses
- 9 - Turbinates
- 17 - Lymphatics
- 19 - Conjunctiva

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- 31 - Connective tissues
- 33 - Maxillary sinuses
- 36 - Postnasal area
- 37 - Throat
- 41 - Muscle
- 44 - Lymph nodes
- 48 - Posterior to turbinates
- 51 - Mucus membranes
- 59 - Salivary glands
- 68 - Inner ear
- 69 - Eustachian tubes

A condition which is epidemic in this locality at this time was found at 46 on the left hand dial. A typical case showed symptoms as follows: sore throat, vertigo, ringing in the ears, vomiting, fever, and irritation of the eyes. The following rates were found: 46-37 throat; 46-51 mucus membrane; 46-32 stomach; 46-68 inner ear; 46-19 conjunctiva; 46-9 turbinates; 46-23 kidneys; and 46-95 spleen. The patient was treated on the eight rates above listed. In some cases, more than one condition may be found and often in the same locations.

When you have tried out the above procedure, we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate your suggestions in future issues.

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R A D I A T I O N
LABORATORIES, INC.
December, 1948
EXPERIMENTAL SPECIAL DATA BULLETIN
VOL. 1 - No. 12
"BOVINE VIRUS"

For professional use by those doctors who are properly qualified and who have the proper equipment.

The Story of Eloptic Energy

There seems to be a prevalence, at this time, of a condition produced by what has been named BOVINE or MILK VIRUS.

In the less acute cases it produces a digestive disturbance. It can lie dormant for long periods and when conditions are right, it can flare up into acute cases producing gastric ulcer, diarrhea, symptoms of food poison, etc.

It attacks newborn babies and grandparents alike. We are of the opinion that it originates in milk and some milk products. We have found it in canned milk, even in the canned milk formula prepared especially for young babies. To find it, set the left hand dial at 56 and the right had dial at first one location then another.

In chronic cases, it maybe found in the stomach and colon, e.g.: 56-32 (stomach); 56-84 (stomach); 56-60 (secum); 56-82 (intestines); 56-90 (colon).

In acute cases, it maybe found in: 56-29 (liver); 56-23 (kidneys); 56-17 (lymphatics); 56-44 (lymph nodes); 56-95 (spleen); etc.

It responds very well to treatment on these same rates, but it should be treated until all evidence of it is gone, otherwise it may flare up again.

To treat cans of baby formula, plug in the collector and place the cans on the collector, set the dials at 56-56 and treat 5 to 10 minutes or until no reaction is obtained when the cans alone are checked for the rate 56-56.

When you have tried out the above procedure, we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate your suggestions in future issues.

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R A D I A T I O N
LABORATORIES, INC.

EXPERIMENTAL SPECIAL DATA BULLETIN
VOL. 2 - No. 1
"FIBROSIS"

For professional use by those doctors who are properly qualified and who have the proper equipment.

No organ of the body can be expected to function properly if fibrous tissue is

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present to inhibit its action.

The general rate for fibrosis is 51-81. However, use of this rate does not disclose the exact location and the amount or intensity found is of no real value until the exact location of the fibrosis has been determined.

Set the left hand dial of your Electro Biometer at 81 and determine the exact location by setting the right hand dial at various positions until the fibrosis is definitely located.

In a recent case, x-ray and a barium enema showed constriction of the descending colon and ballooning of the ascending colon. Tests with the Electro Biometer showed fibrosis of the splenic flexure 81-80; the descending colon 81-90; and the ileocaecal valve 81-8. Fibrosis was also found in the bile duct 81-23.5. The x-ray also showed the gall bladder to be somewhat enlarged and ptosed and the Electro Biometer tests showed the gall bladder too low in function 13-64 and anemic 50-35. Obviously, these conditions would produce a toxicity of the entire body.

In another case where the patient had been treated extensively for anemia, the Electro Biometer disclosed that the blood picture was not deficient but that there was fibrosis of the stomach 81-32; uterus 81-81; ovaries 81-22; descending colon 81-90; secum 81-60; and hepatic flexure 81-78. An exploratory operation was performed. The blood count made in the laboratory just before the operation showed the hemoglobin to be above normal probably on account of the excessive treatment for an anemia that did not exist.

The operation revealed rope like fibrosis encircling and distorting the normal shape and position of the above mentioned organs.

We are of the opinion that more attention should be given to such basic conditions as this as well as to the treatment of the diseases found.

Treatment on the same rates listed above should dissolve the bifrous tissues and since plenty of time was taken in their growth, plenty of time would be allowed by the patient for their entire elimination. Stopping treatment when the patient "begins to feel good," does not do the job permanently.

When you have tried out the above procedure, we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate your suggestions in future issues.

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Louise Hieronymus, Technician

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RADIATION
LABORATORIES, INC.
EXPERIMENTAL SPECIAL DATA BULLETIN
VOL. 2 - No. 3
"EXCESS HCL"

For professional use by those doctors who are properly qualified and who have the proper equipment.

Hydrogen Chloride or, HCL, is normal to certain parts of the body, but like B. Coli, and some other things, when in excess or when it gets into the wrong places, it may cause much trouble.

A normal amount in the stomach (72-32) is necessary to digest proteins, but an excess amount seems to be a contributory cause of stomach ulcers (92-32) or duodenal ulcers (92-52).

Where an excessive amount of HCL (72 on left hand dial) is found in any of the tissues of the body, such tissues are apparently burned as indicated by finding of the burn rate (71 on the left hand dial), and seems to produce an ideal media for bacteria to develop.

In a recent case, it seemed to be impossible to permanently eliminate infections from the liver, pancreas, and colon until the HCL (72) and the burn (71) were eliminated from those locations. For example, 72-29 (HCL in liver); 71-29 (burns in the liver); 72-34 (HCL) in pancreas); 71-34 (burns in the pancreas); and 72-90 (HCL in the descending colon), and 71-90 (burns in the descending colon).

HCL (72) and attendant burns (71) have been found in many parts of the body, and wherever infection seems to persist, look for the HCL (72) and burns (71) and eliminate them by treating on them wherever found. No tissues or parts of the body seem to be immune.

In all of the cases so far analyzed, where the HCL and burns were found, there was a definite hypertonicity of the adrenals (22-46) and it was necessary to correct this by treating 22-46 to prevent a recurrence of the HCL and its attendant burns.

We believe this to be a very important discovery and it may lead to a new concept of the so-called cause of disease.

When you have tried out the above procedure, we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate your suggestions in future issues.

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involved in each specific case.

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RADIATION
LABORATORIES, INC.
EXPERIMENTAL SPECIAL DATA BULLETIN
VOL. 2 - No. 4
"STRAINED MUSCLES"

For professional use by those doctors who are properly qualified and who have the proper equipment.

Springtime is strained muscle time. The first mild days make the amateur gardener get out his seed catalogs, look over his tools and all at once we find him out digging, planting, carrying water, etc., And since his ambitions usually extend well beyond his physical ability, evening finds him exhausted, and the next day he is sore from head to toe, and often in considerable misery.

The would-be baseball player is not immune and the old pitching arm may feel like a toothache in the muscles, after that first impromptu game.

Analysis on your Biometer will show inflammation and congestion (55 and 40, respectively on the left hand dial) in the muscles and connective tissue (41 and 31, respectively on the right hand dial). Treat on 55-41; 55-31; 40-31 for five to ten minutes then repeat the list until the soreness is relieved.

In one case, a woman who was used to wearing fairly high heels, went to the sea shore and walked about two miles barefooted on the beach. Result: strained muscles and tendons in the legs, and they were very sore. Treatment as above described gave complete relief in a short time.

Refer back to Experimental Bulletin No. 9 on Burns because your patient may have been over-exposed to the sun and you may have to treat for sunburn in addition to the sore muscles.

Convention time is fast approaching. As soon as the date and place are set, we will let you know. Those who attended the Kansas City Convention last year will never forget the good fellowship and fun combined with the best in papers and lectures. You can't afford to miss out this year.

When you have tried out the above procedure, we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate

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your suggestions in future issues.

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RADIATION LABORATORIES, INC. EXPERIMENTAL SPECIAL DATA BULLETIN VOL. 2 - No. 5 "PHLEBITIS"

For professional use by those doctors who are properly qualified and who have the proper equipment.

Phlebitis is defined as an inflammation of a vein. It is more than that. It is generally a streptococcic infection and usually attacks both veins and arteries much as an acid may attack aluminum.

In early stages there will generally be a strep infection (60 on the left hand dial of your Biometer) in the arteries (71 on the right hand dial) and in the veins (97 on the right hand dial). (Thus—60-71 and 60-97.)

Later where there is pain involved look for staph (34 on the left hand dial). (Thus 34-71 and 34-97.)

In the ulcerative stages look for 8 (left hand dial) and 51 (left hand dial) in both those locations. (Thus—8-71; 8-97; 51-71; 51-97.)

Where the ulcers break through or show, these same four conditions (60, 34, 8 and 51) may be found in the subcutaneous tissue (42 on the right hand dial) and in the skin (85 on right hand dial). (Thus—60-42; 34-42; 8-42; 51-42; 60-85; 34-85; 8-85; 51-85.)

It is well to look for these same four conditions in the kidney (23) and liver (29). (Thus—6-23; 34-23; 8-23; 51-23 and 60-25; 34-29; 8-29; 51-29.)

Treating on all of these rates found should alleviate the conditions.

When you have tried out the above procedure, we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate

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your suggestions in future issues.

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RADIATION LABORATORIES, INC. EXPERIMENTAL SPECIAL DATA BULLETIN VOL. 2 - No. 6 "THE SPLEEN"

Its Relationship to Disease.

For professional use by those doctors who are properly qualified and who have the proper equipment.

Too often disease such as a bacteria, virus, or poison, is considered to be, and is accordingly treated as a cause, when in reality it is only a last outward effect and the real cause behind it is overlooked or not given any attention.

For example, we commonly hear the expression, "a skin puncture became infected", implying that everything was perfect until the skin puncture allowed the infection to enter. The doctor treats the infected scratch or bruise with a surface medication or gives penicillin or sulpha and if the wound shows evidence of healing up, he calls it cured and stops there.

Another person may frequently have similar skin punctures without them ever becoming infected.

Other people are chronically effected by boils, teeth infections, tonsillitis, etc.. Why? What is back of the obvious result?

We believe that the functional activity of the spleen is back of many of these tendencies, causing the patient to be either the chronic victim of infections or to be immune to them.

We believe that the improper functional activity of the spleen is in itself often a result of disorder within it.

In such cases of improperly functioning spleens, we have found one or more of

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the following conditions in the spleen: Carcinoma - 30-95; Sarcoma - 58-95; Fibrosis - 81-95; Scar tissue - 13-95; Calcification - 7-95; Staphylococcus - 34-95; Ulceration - 8-95; (These rates apply only to the condition in the spleen).

Permanent results in relieving the patient of recurring general infections will seldom be obtained and often a specific case of infection will fail to respond to treatment until these basic conditions in the spleen have been eliminated.

When you have tried out the above procedure, we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate your suggestions in future issues.

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THE CONVENTION - CHICAGO - July 21, 22, 23 - HOTEL SHERMAN

R A D I A T I O N

LABORATORIES, INC.

EXPERIMENTAL SPECIAL DATA BULLETIN

VOL. 2 - No. 7

"THE THYMUS"

For professional use by those doctors who are properly qualified and who have the proper equipment.

Too little is actually known about the thymus in its relation to disease. We do know, however, that it directly influences the platelet count of the blood, and we are of the opinion that it has other secretory activity that is directly associated with the healing of wounds and the elimination of disease.

The theory as stated in standard medical text that the thymus influences the development of the sex organs and atrophies after adolescence is not entirely true. In all young people who seem to be fairly free from disease and whose cuts and scratches heal without festering or becoming otherwise infected, the thymus will be found to be healthy, and itself free from disease.

In those cases of children who are subject to frequent colds, festering scratches, and other infections, the thymus is often found to be diseased.

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In older people who act and feel much younger than their years, the thymus will be found to be active and free from disease. Conversely, those people whose thymus is sluggish or diseased, will seem to be older than their actual years.

Some of the conditions that should be looked for are 5-77 (diphtheritic or swelling in the thymus); 30-77 (carcinoma of the thymus); 34-77 (staph in the thymus); 58-77 (sarcoma in the thymus); 81-77 (fibrosis in the thymus). These conditions should be eliminated by treatment on the thymus rate, 59-77. Treatment on 59-77 will raise the platelet count of the blood as may be shown by standard laboratory blood analysis.

When you have tried out the above procedure, we will appreciate your writing us as to your results. We welcome your comments and ideas and will incorporate your suggestions in future issues.

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Progress to Date

Think of electricity today and then try to picture Franklin with his first "condenser" charged by energy from a cloud via a kite string. Perhaps some of you remember seeing in museums some of the early day electrical apparatus and how peculiar it appeared. Remember the first crystal detector wireless set you ever saw, and then look at a modern radio installation.

We have spent much time learning which materials are conductors and which are insulators of Eloptic energy. Our present apparatus while workable, is very crude compared with what we expect it to be in a few years.

Our present method of detection depends upon the sense of touch of the operator and that requires training, just as a chemist, a radio operator, a good cook, an artist, all require training. Some day we will have learned more about Eloptic energy so we can get it to ring a bell, light a light, or actuate a meter. Until then, we will be dependent upon present methods.

We have been able to superimpose Eloptic energy upon an electrical current and amplify it, but since it is not electricity it will not operate electrical devices alone.

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So far we have found nothing that does not lend itself to being analyzed as to its elemental content with the exception of the air around us and those materials of which the apparatus is composed, unless there is a fair quantity available.

Despite some of the limitations and apparent crudity of the apparatus and techniques so far developed, it can do things in the laboratory in a few minutes that are absolutely impossible or may take long periods of time by chemical analysis. It can quickly point the way for chemical analysis to follow in order to eliminate many of the time-consuming tests when an unknown is to be analyzed. It is especially valuable where there is only a small quantity of the material available. A drop of an unknown liquid will work better than a gallon. The material to be analyzed is in no way changed or destroyed during the analysis. Only the emanations normally radiating from it are utilized.

We are not chemical engineers, physicists or mathematicians, but we have spent over forty years to uncover a force or energy or phenomena, about which there has been nothing written that we might follow.

When the United States Patent Office issues a basic patent with a half dozen method claims covering the use for analysis of an energy that was not mentioned in any acceptable standard text, it should be quite evident that this is not a wild dream.

Radiation from the Nuclei of Elements

A series of experiments has been carried out that points rather conclusively to the assumption that the radiation that comes from the various pure elements is from the entire nucleus and not from the planetary electrons or from either the neutrons or the protons alone.

The best obtainable pure specimens of the elements Titanium, Vanadium, Chromium, Manganese, Iron, and Nickel were used. Tests were run on Radiation Analyzer No. 508. Energy peaks from these elements were measured and the prism dial settings for each peak were noted. A study of the number of energy peaks for the various elements indicated that the number coincided in most cases with the number of isotopes of the respective elements.

One important discovery was that one of the peaks for chromium and one for titanium were very close together; that is, they refracted through the prism at near the same angle. The same for another peak of chromium and one for iron, and another for an iron peak and a nickel peak.

The number of protons in each of the isotopes was multiplied by their individual mass weight of 1.00758 and the number of neutrons were multiplied by their

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individual mass weight of 1.00894 and the two products added to get a factor representing the difference in two isotopes of the same number of nuclear particles but with a different number of neutrons and protons in each nuclei.

Thus, titanium with 22 protons and 28 neutrons has a factor of 50.41708, while chromium with 24 protons and 26 neutrons has a factor of 50.41436, a difference of .00272, chromium being the lighter, in nuclear weight.

$$\text{Titanium} - (22 \times 1.00758) + (28 \times 1.00894) = 50.41708$$

$$\text{Chromium} - (24 \times 1.00758) + (26 \times 1.00894) = 50.41436$$

$$\text{Difference} = .00272$$

These factors and the prism dial settings were used to produce the curve shown (Nuclear Weight Factor vs. Prism Angle). One outstanding fact noted was that the lighter the factor value, the lower the dial setting or higher the frequency of the emanating energy. Another was the smoothness of the curve. Nearly all points are in proper relationship. Irregularities are probably due to slight variations from a true flat of the prism surface.

While plotting this curve, it was noted that in a few cases, there were apparently too many energy peaks for some of the elements. Further study revealed that there were radioactive isotopes of the so-called man-made variety that would fit into these spots. It had already been noted that known radioactive elements gave a much more violent radiation than the so-called stable variety.

Tests were then made on the various isotopes to determine the distance that the radiation, or rather, the force field, seemed to extend out from the specimen. Vanadium showed that the three isotopes radiated 18.5", 5.5", and 15.5" respectively, indicating that apparently the middle one was the stable one and that the other two were radioactive. The same thing was done for Iron and the distances were 16.5", 8.5", 17", 13" and 10" respectively.

After this same procedure had been followed for all the places where there might be a question, and everything seemed to fall into proper place, it was decided to try it on elements at the heavy end of the list. Bismuth showed four isotopes in a row with radiation distances as follows: 13" for the stable and lightest isotope, and 24.5", 22", and 26", respectively, for the radioactive isotopes. Then a gold link bracelet of very old gold, an heirloom made before the days of so much alloying, was used. The lightest was the stable isotope with a radiation distance of 6", with two others of 12.75" and 14.5" for the two radioactive isotopes.

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Molecular Combinations

The field of exploration into molecular combinations is too vast to be covered in this paper. In fact, not enough work has been done to warrant much detail.

The chief chemist of the analytical laboratory of a large corporation learned, through a mutual friend, about some of our work. He wrote, "We have recently expanded into a new field of research and some of the problems encountered are giving us a great deal of trouble. Your apparatus may be the answer."

We allowed him to bring his specimens to our laboratory and we spent two days with him, most of the time in getting equipment ready for the tests. Finally, we analyzed the contents of four bottles marked A1 - A2 - A3 - A4. We had no idea before hand as to what was in them. We poured a small quantity of the liquid from bottle A1 into a Pyrex beaker, placed it in the instrument, and proceeded to "tune in" to all the "broadcasts" that came from the beaker and its contents.

Then we did the same for the liquid in bottles A2, A3, and A4. As soon as we had listed the five energy peaks from the empty beaker, six from A1, nine from A2, four from A3, and nine from A4, and had charted them with relation to each other, the chemist said, "Now I know my trouble. A1 is a solvent that works fine, A2 is supposed to be the same. Our tests and those of the oil company who sells it to us, say it is the same as A1, but it will not work right and is causing much trouble. It is quite obvious that A2 has been contaminated by A4, which is Toluene. A3 is Benzene."

TESTS ON HYDROCARBONS

PRISM ANGLE	UNKNOWN		BENZENE	TOLUENE	EMPTY BEAKER
	A1	A2	C_6H_6 A3	$C_6H_5-CH_3$ A4	
3.1	-	-	-	-	56
7.6	47	49	58	57.5	0
11.9	49	46	0	56	0
18.7	-	-	-	-	52
21.0	-	-	-	-	47
24.2	51	49	51.5	56	0
29.5	0	*51	0	*56.5	0
31.8	51	48	52	56	0
36.2	51	51	53	58	0
40.4	-	-	-	-	54
41.2	0	*51	0	*58	0
48.2	47	56	0	58	0
50.5	0	*48	0	*57	0

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Substantiating Press Article References

Science News Letter, Jan. 6, 1940, work by Dr. I. I. Rabi, of Columbia University: "Atoms can act like little radio transmitters broadcasting on ultra-short waves." He won the AAAS prize for this work.

Electrical Engineering, May, 1951, "A study of Nuclear and Electronic Magnetic Resonance", by K.K. Darrow. Reference is made to the work of Felix Bloch at Stanford University and E. M. Purcell at Harvard University, both on "molecular resonance." They verified the work of Dr. I.I. Rabi and carried it further.

Associated Press release, Dec. 29, 1939, Columbus, Ohio, "Man himself as well as all kinds of supposedly inert matter constantly emit rays." "In today's announcement, the first scientific proof of the existence of invisible rays which really travel from one person to another."

Radio Electronics, Editorial, June, 1951, by Hugo Gernsback, "More and more we are coming to realize that most life processes are either linked with electronics or are electronic themselves. This is true of animal as well as of plant life." — "It would seem that the human brain is capable of producing some type of wave motion or force capable of traversing hundreds and often thousands of miles. So far we have no instrument to intercept or record such waves or force."

Associated Press, New York, June 1, 1949, David Surnoff, head of R.C.A., "Proposed a new science 'Radionetics' to look inside living human bodies, and so improve people." "Men do not understand how their thoughts and emotions are born and by what power they grow to fruition." "When we understand each other, it is because we are attuned to each other electrically, or electronically!"

Miami Herald, March 7, 1951, Copenhagen, Denmark (UP), Agricultural expert Herluf Hansen asserts, "Nervous farmers have nervous pigs. Any mental disturbance is immediately reflected in the pig sty."

Miami Herald, March 16, 1950, Vienna, Dr. Hubert Rochracker says, "The human body sends out minute vibrations that, for good or ill, effect our daily lives."

Miami Herald, International News, Des Moines, Iowa. Norman Rillier says, "A

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quarrel with her husband will have repercussions in milady's hair in five minutes."

Dr. Edward Weiss, Temple University medical school professor, "The body has some sort of "organ language" for the outlet of tense emotions, which "mimic almost any disease."

Chicago Tribune, Oct. 13, 1950, Kingskerwell, England, by Father A.J.K. Glazowski, a polish priest, and F.J. Billington, a radio engineer, "Every person radiates waves of energy and every broadcast is different."

Topeka Kansas Daily Capitol, July 7, 1949, Paris (UP), Jules Calte and Andre Coatrieux, inventors, have perfected a process for discovering metals even lost persons, with the help of mysterious "radio waves." "Every metal and every person, living or dead, sends out short waves of different length." "Personal wave lengths are as individual as finger prints." "Eventually, I hope to develop it for diagnosing disease."

San Francisco Chronicle, reporting on work done at Berkeley, California, by Dr. Felix Bloch, paper entitled "Nuclear Radio Spectroscopy." "Dr. Bloch explained in detail research in the nuclear induction method of identifying elements through electric frequencies. The system, developed at Stanford by Dr. Block and associates, offers a key to greater nuclear understanding by "Tuning in" on the heart of the atom electrically, without splitting the atom."

Measuring Metaphysical Projection

It was at a Pathometric Convention and I had given my lecture in which I mentioned that you could measure the effect of mental projection.

That evening, about a dozen doctors wanted to try some experiments in that field. We took an analyzer to one of the long hotel display rooms and set up the analyzer on a table at one end of the room. One of those present was Lorie Saunders, wife of Dr. George Saunders. Lorie was following a serial story in *Saturday Evening Post* and the last issue had just come on the newsstand and she had a copy in her hand. She went to the other end of the long room and sat down to read her story.

Dr. George Saunders, being an excellent operator of the analyzer, said he would do the measuring. There had to be a "victim" to work on, so George said, "Let's use Lorie," so he obtained a saliva specimen from his wife and put it into the instrument.

There were four in the group who had some Metaphysical understanding. We sat at the table near where George was at the analyzer. I saw an ash tray near us that contained a half chewed cigar with some brown colored saliva on it. I remembered the picture of the Dutch Boy Paint where the paint was flowing down all over a globe of the earth. I suggested to the four "transmitters" that we visualize a stream of nicotine saliva flowing down all over Lorie.

George had measured Lorie's vitality just before we began and he continued to measure and call out the values. Her vitality started to go down, at first rather slowly, then it lowered faster as we got into our visualizing. When her vitality had gone from in the twenties down to eight, I said quickly, "Open your eyes now." Then I had the five of us visualize Lorie as being in the center of a Golden Sun. Immediately, her vitality started to go up and George continued to measure it and finally it reached so high that it could not be measured.

About that time, Lorie had finished reading her story and she came back to where we were. She asked, "What are you doing?" Her husband George asked her how she felt. She said, "I feel great now but a little while ago, I felt just awful."

The Story of Eloptic Energy

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SAINT PAUL 1, MINNESOTA

April 22, 1948

Mr. T. G. Hieronymus
Radiation Laboratory
417 East 70th Terrace
Kansas City 5, Missouri

Dear Mr. Hieronymus:

In going through my files recently, I noticed that it has been quite a while since I last heard from you. Your most recent letter was dated July 9, 1947 and you mentioned a meeting with Dr. Arthur Compton.

I hope you will pardon my persistence but I am very interested in your apparatus and would like to try it on a few of my problems. We have recently expanded into a new field of research and some of the problems encountered are giving us a great deal of trouble. Your apparatus may be the answer.

In your last letter, you mentioned the possibility that you could visit us and bring an instrument with you. You are still most welcome. Let me know in advance when you can come, either on a weekday or a week end, and I will have things ready. If it would be more convenient, I could arrange to come to your laboratory and bring some samples with me.

I sincerely hope that we may get together in the near future to try our samples on your instrument.

Sincerely yours,

MINNESOTA MINING & MANUFACTURING COMPANY
Central Research Department

R. W. Perlich

R. W. Perlich
Chief Chemist
Analytical Laboratory

RWP:dg

AUTOMOBILE POLISHES, CUTTING AND BUFFING COMPOUNDS, COLORED TONING GRANULES, PLINT QUARTZ, GRIND PIGMENTS, MASKING PAPER, ADHESIVES, "SCOTCHLITE" REFLECTIVE MATERIAL, SPHERULES, TYPING PAPER, SANITIZING STENCIL, SANDING LIQUIDS, SPRAYWAX, TAN FISH PACKING, GASKETS AND SHOE COVER, VALVE GRINDING COMPOUNDS, WOOD FLOOR AND TERRAZED SEALERS, SYNTHETIC RESINS FOR SPECIAL USES

Explaining the Unexplained

TENTATIVE DIAL SETTINGS FOR INDUSTRIAL ANALYZER

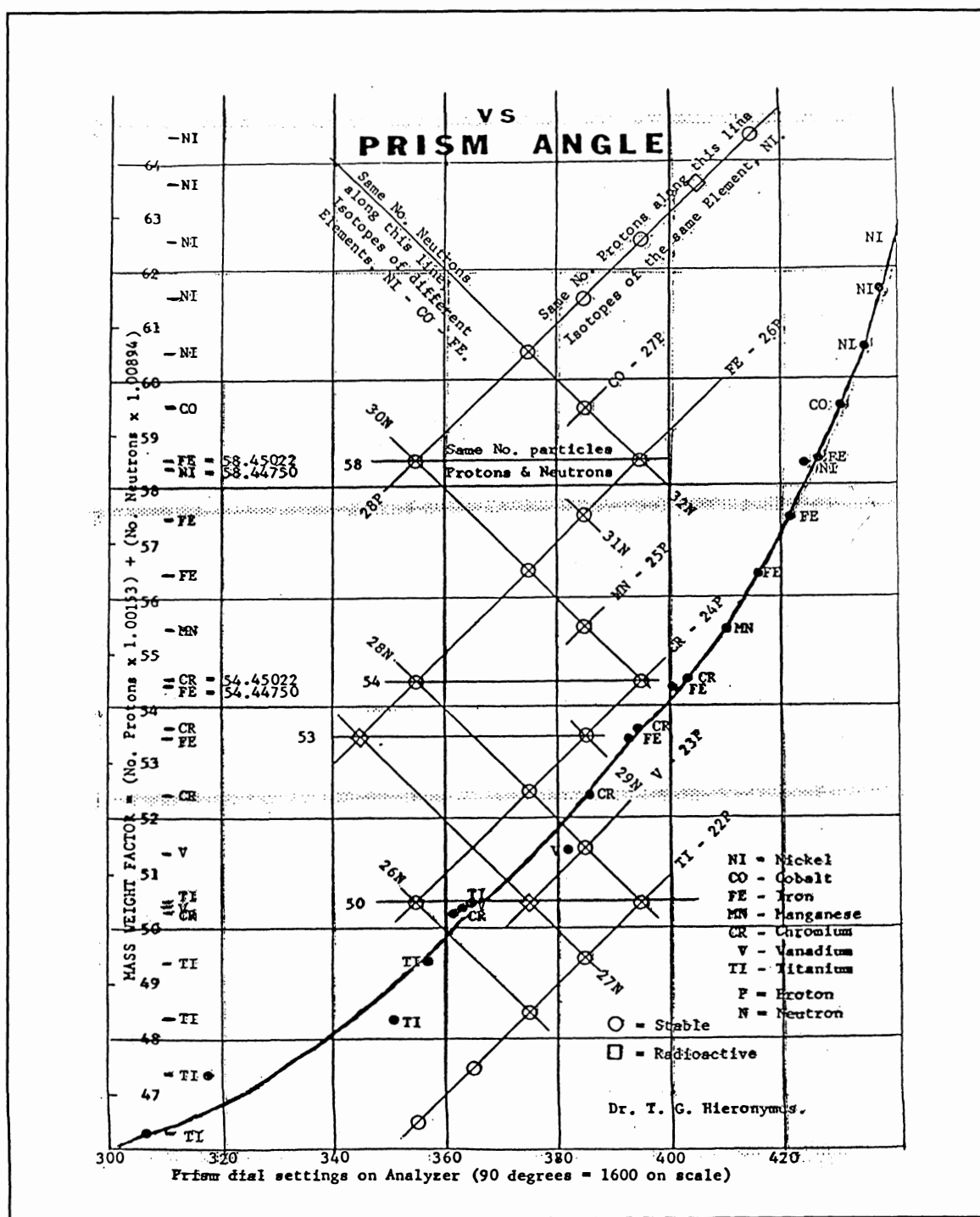
At. No.	Element	Prism	C1	C2
4	Beryllium	186.5	17	38
6	Graphite	214	17.5	29.5
4	Beryllium	247	46.5	64
12	Magnesium	248.5	56.5	47.5
4	Beryllium	252		
6	Graphite	256	41	21
13	Aluminum	257	39	23.5
13	Aluminum	304	47	39
6	Graphite	310	53.5	34.5
6	Graphite	339	58.5	42
22	Titanium	364	38	78.5
23	Vanadium	367	27.5	38.5
24	Chromium	405	21.5	66.5
25	Manganese	416.5	24.5	30.5
26	Iron	425	19.5	38
27	Cobalt	454	47.5	62.5
28	Nickel	472.5	24	56.5
29	Copper	504	73	28
30	Zinc	539	53	41
31	Gallium	572	64.5	37.5
34	Selenium	629	46	18
40	Zirconium	669.5	21	20.5
41	Columbium	707.5	39	56
45	Rhodium	769	37.5	45.5
45	Rhodium	774.5	43.5	43
46	Palladium	783.5	73	48.5
47	Silver	795	61.5	47
48	Cadmium	812.5	19.5	61
50	Tin	832	76.5	43
51	Antimony	838.5	59	76
73	Tantalum	884	53	66.5
73	Tantalum	902	56.5	46
73	Tantalum	961.5	49	46
74	Tungsten	888	39.5	61.5
74	Tungsten	901	38	17.5
76	Osmium	927.5	63	74
77	Iridium	940	57.5	60
78	Platinum	962.5	72.5	69
79	Gold	989	75.5	54.5
80	Mercury	1055	92	79.5
82	Lead	1062.5	51	62.5
83	Bismuth	1097	38	31

Data from tests made with Analyzer No. 504, using supposedly pure specimens furnished by Clawson-Kemmerer and Minnesota Mining, and a few others. Some of these settings are of impurities and probably some may be of obscure isotopes.

Check the instrument with not only pure specimens of the element required, but with the other elements that may have an isotope in that region, before testing for the element desired.

T. G. Hieronymus 1/30/54

The Story of Eloptic Energy



Chemical Analysis of Hydrocarbons, Benzene, Toluene and Two Unknowns

Objective

To assist the Minnesota Mining and Manufacturing Co. to find out why some of the commercial solvent they used, would make good Scotch Tape, and some of the shipments of solvent would not make satisfactory tape.

A letter dated April 22, 1948 from that company and signed by Mr. R. W. Perlich, Chief Chemist, Analytical Laboratory, stated in part, "I am very interested in your apparatus and would like to try it on a few of my problems. We have recently expanded into a new field of research and some of the problems encountered are giving us a great deal of trouble. Your apparatus may be the answer."

After considerable delay due to the fact we were working on the patents and did not want anyone to see the apparatus until after the patent atty. approved it, we allowed Mr. Perlich to bring his samples to our laboratory.

Equipment Involved

The analysis was run with one of our early type of prism units. It employed a 30 degree prism and an angle of incidence of approximately 5.5 degrees.

The samples furnished by Mr. Perlich consisted of four liquids marked A1, A2, A3, and A4.

Pyrex test tubes and other conventional laboratory equipment, not of importance in this report.

Procedure

A few turns of No. 20 insulated copper wire were wound around a 2" x 3" Pyrex beaker and the ends of the wire were connected to the input terminals of the analyzer.

A small amount of the liquid from test sample No. A1, perhaps a spoonful, was poured into the test tube. The amount of liquid was not important except that we used the same amount for each test so results would be relative.

The actual analysis consisted of starting at one end of the dial and slowly scanning over the entire length of the dial, stopping at each point where a reaction was noted and making a record of the dial setting for each energy peak noted.

The Story of Eloptic Energy

After the analysis of the No. A1 sample, we did the same for an empty test tube so those energy peaks that were in the A1 sample could be separated out from all the energy peaks found. There were six energy peaks from the No. A1 sample and five from the Pyrex test tube.

Next an equal amount of the liquid from the No. A2 sample was poured into a clean test tube, and the same procedure of scanning was followed. This time, three additional energy peaks were found, that were not in the No. A1 sample.

The same procedure was followed in the analysis of samples A3 and A4. On comparison, samples A1 and A3 were similar and A2 and A4 were similar. A3 was known to be pure benzine and A4 was known to be pure toluene. Thus the impurity in A2 was toluene.

SAMPLES FROM MINNESOTA MINING & MANUFACTURING COMPANY

DIAL SETTING	UNKNOWN		BENZENE A3	TOLUENE A4	EMPTY BEAKER
	A1	A2			
3.1	0	0	0	0	56
7.6	47	49	58	57.5	0
11.9	49	46	0	56	0
18.7	0	0	0	0	52
21.0	0	0	0	0	47
24.2	51	49	51.5	56	0
29.5	0	51	0	56.5	0
31.8	51	48	52	56	0
36.2	51	51	53	58	0
40.4	0	0	0	0	54
41.2	0	51	0	58	0
43.8	0	0	0	0	51
48.2	47	50	0	58	0
50.5	0	48	0	57	0

Explaining the Unexplained

It was not until after the tests were completed that we were told by Mr. Perlich what the various bottles contained.

A1 was a sample of the commercial solvent used to make good tape.

A2 was a sample of similar solvent but the tape became unsatisfactory after a short time.

A3 was a sample of pure benzene.

A4 was a sample of pure toluene.

After running the A1 and A2 samples, Mr. Perlich said he knew his answer. He explained that there was apparently an impurity of some kind that kept the solvent, A2, from making good tape.

When tests on A3 and A4 had been completed, it was evident that the No. A2 solvent had become contaminated with toluene.

SUBSEQUENT FINDINGS

Nearly a month later, a letter was received from Mr. Perlich in which he stated that they had found toluene by chemical and spectrographic analysis, in the A2 sample of the solvent.

Apparently the amount of toluene in the A2 solvent was small enough to detect with our method but not by ordinary chemical analysis, and yet it was large enough to spoil the tape being manufactured with it.

CONCLUSIONS

Molecular combinations can be readily analyzed by Eloptic Analyzer that are either impossible or very difficult to analyze by ordinary methods.

The Story of Eloptic Energy

MINNESOTA MINING & MANUFACTURING COMPANY

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October 6, 1948

Mr. T. G. Hieronymus
Radiation Laboratory
4209 Michigan Avenue
Kansas City 4, Missouri

Dear Mr. Hieronymus:

We have finished our chemical and spectrographic analyses on the production solvent samples we tested in your laboratory, and I have gone over the data obtained in your laboratory. Toluene has nine characteristic groupings within the molecule; five of these are unique to toluene and four are also found in the benzene molecule. The data from your laboratory are consistent with these facts. However, there were two impossible readings obtained on your instrument. Our analyses proved that one of the production solvents, "A-1", was pure benzene and the other, "A-2" contained nearly 10% toluene as I suspected. You obtained two energy peaks on sample "A-1" which were not found in the pure benzene sample. I cannot explain the discrepancy. I also have not been able to correlate the prism readings with either atomic number or molecular weight of the groupings for the organic compounds. The last fact does not bother me as the primary consideration is to have the unit perform satisfactorily for qualitative analyses. Much more work will have to be done before all of the factors can be determined.

It will be very interesting to see what kind of curve you will get with these pure metals. Be sure to send me a copy of the data as soon as you get it.

With best personal regards, I am,

Sincerely yours,

MINNESOTA MINING AND MANUFACTURING COMPANY

R. W. Perlich
R. W. Perlich

Explaining the Unexplained

NEW YORK STATE COLLEGE OF AGRICULTURE
CORNELL UNIVERSITY

ITHACA, NEW YORK

LABORATORY OF BACTERIOLOGY

April 23, 1947

Mr. T. G. Hieronymus
417 East 70th Terrace
Kansas City 5, Missouri

Dear Mr. Hieronymus:

Dr. Lustig's visit here has made a deep impression upon me. He told me about some of your own experiences, and although they may seem unbelievable, something similar has been observed some 15 years ago in Germany. I enclose the abstract of a long paper, nearly 100 pages long, which I made 12 years ago. I have not read the original paper since.

Your discoveries which fit in well with those of the Electronic Medical Foundation, open up great possibilities, possibilities as tremendous as those of the atom bomb, and just like atomic energy, these radiations may be used for the bad as well as for the good of humanity.

Knowing the facts about the atom bomb, and knowing something about the plans for biological warfare, I am scared that these biological radiations might be used to bring death instead of happiness to the world. In a way, these rays are more dangerous because large factories are needed to make atom bombs, but a single person with sufficient knowledge could misuse hidden energies for criminal purposes.

Since these radiations hold the secret of life, they also hold the secret of death. At present, very few people know about the possibilities, and very few know all the facts. It seems imperative that these few keep their knowledge to themselves, and divulge only as much as is necessary to perform the immediate applications to cure disease.

I have written in a similar sense to Dr. Lustig, and have sent a copy to Mr. Hart of the Electronic Medical Foundation.

Under separate cover, I am mailing you Miss Kimball's study of the effect of magnetism upon the growth of yeast.

Sincerely, yours



Otto Rahn
Professor of Bacteriology

The Story of Eloptic Energy

Dr. George W. Stokes, D. C.

Psychosomatics

• 1109 10TH ST., CORONADO, CALIF.
• TELEPHONE HENLEY 3-3638

July 28, 1950

Dear Hi and Lo:

Leaning as we do toward the conservative side, I have failed to write to you before now because of a "wait and see" period my wife and I felt should pass before we attempted to report any changes brought about in the health of our patients through the use of the "anipathic."

A thing such as this is difficult, at best, to evaluate; however, we feel that we are getting good results from the use of your instrument.

Two other local doctors are also now interested in the Anipathic; one -- working with a medical physician -- especially. For a Dr. Miller, D. C. from Los Angeles, came down to see them.

Dr. Chandler, the D. C. working with Dr. Howard, the medic told me of the following experiment they carried out: They took two cultures -- one strep and the other staph -- and destroyed both with the "anipathic." They carried out a second experiment in the same way, but instead of depending on themselves for the results they sent the "before and after" specimens to a medical lab for checking with the same results obtained. This report should make you both feel good!

We wish that both of you are enjoying the best of everything. We hope that it is still not all work and no play with you.

In some way we feel that we'll be seeing you much sooner than last expected, and wish it so.

Our best to both of you.

George W. Stokes

VII

Agricultural Potential of Eloptic Energy

To date, our research has not revealed any substance that does not lend itself to analysis by our instrument. Preliminary field tests over the years have indicated that a wide range of pests and crop diseases can be eradicated or controlled by means of eloptic energy. Among those with which we have experimented successfully are:

Aphids
Termites
Chinch bugs
Dutch elm disease
Nematodes
Spruce bud worm
Tomato horned worm
Coconut palm disease
Army worm
Mealy bug
Tent caterpillar
Mosquito larva
Coddling moth
Potato blight
Tomato mosaic

The use of Eloptic energy in agriculture would offer mankind three distinct advantages over techniques currently in use:

The Story of Eloptic Energy

1. Economic. The use of Eloptic energy would be far cheaper than the use of pesticides. The billions of dollars saved thereby would then be available for more constructive uses.

2. Safety. Man has become painfully aware recently that years and years of saturating the environment with powerful pesticides and other chemicals has left the planet badly poisoned. Unlike pesticides and other agricultural chemicals, treatment with Eloptic energy leaves no harmful residue. In addition, birds or harmless insects need not be affected at all by administration of this energy.

3. Advanced knowledge of effects. The unique advantage of the use of Eloptic energy in agriculture is that the farmer or scientist knows in advance what the effect of treatment will be. By proper testing in the laboratory, he can be assured that the treatment will be both destructive to the unwanted life form and beneficial to the host organism. No other form of agricultural treatment can substantiate such a claim.

As noted above, research already accomplished gives us grounds for hope that mankind is on the verge of a breakthrough in agriculture just as the population explosion places more demands upon the farmers of the world. Additional funding is needed to complete our research and make its applications available for the benefit of mankind.

Apple Scab

Test No. 20, run June 24, 1955

Specimens

X Scabs from old abandoned apple orchard on Rt. 15.

Y Leaves from same tree, without scabs.

Z Scabs from R.M. Benjamin's tree.

BL Scabs on fruit from Pratt 7/16/53.

BM Scabs from leaves from Pratt.

The scab spots were carefully cut out of the leaves, placed in a test tube and marked Specimen X.

A similar amount of leaves without any indication of scab spots was placed in another test tube and marked Specimen Y. Other specimens from other trees were similarly made and specifically labeled.

Specimen X was placed in an analyzer and scanned for frequencies of radiation

Agricultural Potential of Eloptic Energy

and the intensity measured. These frequencies were then tested for in specimen Y. The important frequency was found by this method which told us that we had some frequency that was radiation from the scab in high intensity but was relatively low in the good leaf without any developed scabs.

Next, we tested to find a reagent that would neutralize or greatly lower the amount of scab radiation. One was found that lowered the radiation intensity from the scab, from an original value of 644, down to 13. We next checked this reagent against the good leaf, specimen Y, and found that it raised the general vitality of the good leaf from an original value of 37 (which was low), up to 626.

Treatments were given by broadcasting the combined frequencies from the good leaf, specimen Y, and from the reagent. The distance from the tree being treated and the transmitter was approximately two miles.

The first treatment was given June 26, 1955.

A recheck June 27th, showed the scab intensity to have been lowered to 135 and the tree vitality raised to 351. Another treatment was given on June 27th, and another on June 28th.

We went to get some new specimens from the tree, and Mr. Benjamin and I were very much surprised to find that where, on June 23rd, there were lots of leaves with scab spots ranging up to 5/8 inch across, now there were only holes in the leaves. We found no leaves with scab that we could take for testing.

We conclude that the scab was killed and it dried up and the brown dead spot shrunk, pulled loose, and fell, leaving only a hole.

Tests on specimens BL and BM showed it to be another variety of scab and a different reagent was required. This tree is in Connecticut and the treatments were given from nearby. A recent letter says, "My backyard apple against the spotty scab which seems to be stopped."

T. Galen Hieronymus, August 19, 1955 (recopied May 17, 1976)

Elimination of Plant Pests by Electronics

We have found that each atom of each element that makes up our material world radiates an energy, each at a different frequency. We have named this energy ELOPTIC, a word coined from the words electricity and optics, because the energy obeys some, but not all, of the laws of behavior of both of these forms of energy. Also each molecule or combination of atoms that make up compounds, parts of plants and animals and even entire plants and animals, gives off a specific frequency of vibration.

The Story of Eloptic Energy

We can take advantage of this phenomena and use it to destroy pests.

First we isolate a specimen of the pest. If it be a larvae, we find one and put it in a test tube. Next we take a leaf from the host plant and put it in another test tube. Then with the test tube containing the pest in the analyzer, we measure his vitality. Next we try first one then another of the reagents we think might be effective in lowering the vitality of the pest.

When we have found such a reagent, we try it with the leaf from the plant to be sure we will not poison the plant while we destroy the pest. We prefer to use a reagent that will be good for the plant at the same time it destroys the pest. Usually we can find a reagent that works properly, however, sometimes it requires the use of two or more reagents.

Now we are ready to go to work. We broadcast the energy from the plant leaf and the reagent, but out of phase 180 degrees. It neutralizes the normal energy from the pest when it eats from the plant so radiated. This seems to be quite simple and it is. However, it took years of work with many methods of procedure to arrive at this simple method. An analyzer has been developed that will tune in to the vibrations or emanations from a pest or a plant and measure its vitality.

The reagents consist of a small amount of each material in a test tube. Some are poisons, some are herbs, some are plant oils, some are antibiotics, anything that gives promise of being effective. We have over 150 test tubes of reagents and are continuing to add to the list as we find others.

Eloptic energy will travel on light. We can take a photo on black and white or polaroid film and use it as the specimen of the plant instead of a leaf from the plant. Aerial photos work very effectively. In this way, we can treat large areas at one time.

A few of the plant pests we have been successful with are: Tomato horned worms (tobacco horned worms and Poinsettia horned worms are the same), corn ear worms, tent caterpillars, and many others of this type; tomato early blight, Dutch Elm disease, and others of this type; Nematodes especially the *Radopholus*-Citrus decline vector, and other nematodes.

No pest seems to be immune if we can find a reagent that will react to lower its vitality. So far, we have been successful in finding the required reagent and the pests worked with have been many and varied.

In the case of the *Radopholus* Nematodes, the area was approximately one eighth mile by one quarter mile, we used an aerial photo taken at about one thousand feet up. After several treatments over a period of several weeks, the trees put out new tendril roots that were light brown where the old roots were dark and very brittle.

T.G. Hieronymus, June 1968

Agricultural Potential of Eloptic Energy

TESTS ON HERMANN'S TREE CATERPILLERS

June 6, 1955

SPECIMEN	9-49	Redwood	SPECIMEN	9-49	Redwood
<u>Worm alone</u>	131	153	<u>Leaf alone</u>	57	42
<u>Worm with the following:</u>			<u>Leaf with:</u>		
Toxaphene	14	34		146	259
DDT 50%	3	27		31	19
Fermate	241	351		256	349
Fritt 3124	54	156		39	61
Nicotine	25	47		27	43
Chlorodane 5%	143	242		255	346
Oil Citronella	45	138		27	38
Ni Napthenate	57	134		28	39
Cedar Oil	13	3		158	353
Ni NH3 So4	159	248		36	54
WNF	41	59		38	31
Cobalt Sulphate	19	46		28	34
Manzate	23	55		22	47
Eucalyptus	20	34		256	454
Erythrite Cobalt Arsenate	136	245		37	31
Nicolite Ni As	37	62		33	23
Arvensus	33	27		49	31
Malaluka Extract	16	26		149	239
Ether	156	135		33	26
Chloroform	23	52		15	6
<u>Photo alone</u>	57	42			
<u>Photo with Cedar Oil</u>	257	453			

The treatment was made with Cedar Oil and was successful. (See letter from Ed Hermann, dated July 26, 1955.) Treatments ran from June 6 to June 13.

The Story of Eloptic Energy

Report on Various Tests (#5, 6, & 7)

Report on Tomato Worm project to date. There are no small worms to be seen although there were leaves with dozens showing at the time treatments were started. The large worms were collected when they were 4" or over in length and put in a box with a screen top and fresh tomato leaves were fed to them daily. At first they ate voraciously, then they tapered off, all but five are dead. The five are less than 3" long, very sick, and not eating at all. All, including those that are dead, shrank in length and diameter just like a sick person who loses a lot of weight. Daily treatments are being continued. They are being treated from a Polaroid photo and the vial of Rotenone. The film is not used in the instrument, just the print.

Report on Aphids that were on the Hybiscus next door. A Polaroid photo was taken and tests indicated Garlic and Chlorophyll Perls. The photo and the vial of Garlic and Chlorophyll were placed in one of the new instruments and a "Sweep" of frequencies implanted in a 10 cc vial of H₂O. This water was used to give the treatments.

4:30 PM, May 5th, gave first treatment of 11.5 minutes.

11:45 AM, May 6th, observed no change in the number of Aphids. Gave 11.5 min.

2:00 PM, May 7th, noted very few Aphids but lots of eggs. Gave 11.5 min. treat.

10:00 AM, May 8th, all Aphids gone from the leaves that had been used for the detailed observation. There was a new hatching on another large leaf. The bugs were thick. All eggs must have hatched. Gave 11.5 min. treatment.

This experiment is progressing just as the other one on Aphids did. We kill the Aphids as fast as they hatch but do not kill the eggs with this modality. NEXT—we will get eggs and find the proper reagent to kill them too.

Suggestions re Tent Caterpillars from Connecticut.

A study of the data in Report No. 7 shows, for effects on worms and humans:

REAGENT	WORMS		HUMANS	
	Vitality	Redwood F.	Vitality	Redwood F.
Rotenone	12	7	151	226
Erythrite Cobalt Arsenate	0	13	26	31
Toxaphene	0	7	31	43
Malaluka extract	17	0	38	126
Ni Nh3 So4	11	0	7	0

No leaves from the trees are available for test at this time. If Eliot Pratt will send some, the test can be completed as to selection of a reagent.

Any of these reagents should produce some results. The Rotonone is the best from the human standpoint but the Cobalt Arsenate and the Toxaphene should

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produce the best effects so far as killing the worms is concerned. Since the Toxaphene is the best for humans, I would suggest that, pending tests on plants.

T. Galen Hieronymus, May 8, 1955 (retyped May 17, 1976)

Examples of Plant Orientation for Best Results

It has been discovered that plants have a favorite direction in which they are able to grow best. When a plant is moved, it will grow best if it is placed in the ground in a certain way and it will not grow best if it is turned in another direction.

To determine the best direction for a given plant, the following procedure should be followed. If the plant is in a pot ready to be set in the ground, take a large piece of paper and draw four lines on it as follows: draw one line down the center on the sheet and mark it with an "N" at the top and an "S" at the bottom of the sheet. Then draw a line across the sheet half way from top and bottom and mark it, "W" at the left side and "E" at the other side. Next draw two lines that bi-sect the angles and mark them appropriately "NE", "SE", "SW" and "NW", as shown in Fig. 1. Next, mark a line on the pot, position the sheet of paper so the "N" line points to compass North, and with the pot in the center at the junction of all the lines, with the mark on the pot over the "N" line.

Take a leaf from the plant, place it in an Eloptic Analyzer and measure the vitality of the plant while the plant is oriented with the marker line at the north. Next measure the vitality after turning the pot so the line is on the "NE" line of the paper. Turn the pot each time from "NE" to "E" and on around the circle, measuring the vitality while the pot is in each position. When the hole is dug and you are ready to plant in the ground, take the plant and as much dirt as is possible as indicated by the tests. Again, test the vitality. Turn the plant a slight amount in one direction or the other until you have found the position that gives the highest reading of vitality. Fill in the dirt and watch the plant grow.

The following are some examples of proper orientation.

PUMPKIN		AVOCADO		FIRE CHIEF		HIBISCUS		VALENTIA		ORANGE		PINK GRAPEFRUIT	
Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.
N	140	N	85	N	220	N	230	N	220	N	230	N	230
NE	110	NE	110	NE	120	NE	300	NE	120	NE	300	NE	300
E	140	E	100	E	240	E	220	E	240	E	220	E	220
SE	110	SE	160	SE	370	SE	400	SE	370	SE	400	SE	400
S	230	S	70	S	120	S	220	S	120	S	220	S	220
SW	170	SW	100	SW	100	SW	230	SW	100	SW	230	SW	230
W	90	W	240	W	220	W	260	W	220	W	260	W	260
NW	110	NW	330	NW	220	NW	230	NW	220	NW	230	NW	230

GARDENIA PLANT		BANANA PLANT (1)		BANANA PLANT (2)		SNOW QUEEN	
Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.
N	120	N	265	N	71	N	90
NE	52	NE	160	NE	760	NE	640
E	220	E	52	E	68	E	640
SE	420	SE	46	SE	170	SE	660
S	80	S	70	S	65	S	90
SW	65	SW	270	SW	170	SW	660
W	130	W	150	W	272	W	90
NW	200	NW	72	NW	58	NW	90

SNOW QUEEN
HYBISCUS - In its old location, it showed a vitality of 90 and a T.B. of 640. After moving to a new location and direction, it showed vitality of 660 and T.B. of 90. The plant was dying before it was moved.

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Tests Made on Aphids from Hybiscus Plants

OBJECT: To determine the best reagent to kill the Aphids but to do the least harm to the plants or to human beings who might be affected by the treatment.

Like the test on the Citrus Mealy bug, this test was set up at the time to have something that could be used to test the effectiveness of a newly designed instrument.

Aphids were carefully removed from the leaves until there were enough bugs (about 50) that would give good test results. Some leaves of the plant were carefully washed and made free of all Aphids and other pests so as to get the true effect of the plant alone. A photo was taken of the Hybiscus bush with a Polaroid camera. Tests were made for vitality (9-49) and Redwood Factor (15.5-58.6).

	<u>Object under Analysis</u>	<u>9-49</u>	<u>15.5-58.5</u>
Aphids alone		152	27
Aphids with tablet of:	Oxbile	300	--
	Cold Pills	23	--
	Garlic & Chlorophyl Perls	0	0
	Tungsten Nickel Fluoride Salts	32	56
	Ni Nh3 So4 with H2O	17	48
	Cu So4	351	360
	Fritt 3124	24	156
	Malathion 25%	56	137
	DDT 50%	106	155
	Chlorodane 5%	27	51
	Captan 50%	255	459
	Formate	19	27
	Aramite	260	458
	Lucky Strike Nicotine	22	26
	Toxaphene 60%	23	54
	MA (Malaluka Extract)	19	42

Leaf alone		154	226
Leaf with:	Garlic & Chlorophyl Perls	427	560
	Nickel Napthenate	36	29
	Cedar Oil	123	539
	Rotenone	131	122
	Lithium Chloride		352
	Manzate	355	451
	Ni Nh3 So4 with H2O	643	752
	Cobalt Sulphate	27	22
	Tungsten Nickel Fluoride Salts	30	19
	Chlorodene 5%	35	54
	Formate	153	344
	Lucky Strike Nicotine	441	556
	MA (Malaluka Extract)	35	58

The energy from the photo and the Garlic & Chlorophyl Perls was implanted in water by the "Sweep" method and the Aphids were eliminated completely just treating with the water in the new model instrument.

Tests were run by Louise and Galen
Hieronymus, April 7, 1955
(retyped May 18, 1976)

Tests on the Citrus Mealy Bug

OBJECT: To determine the best reagent to kill the bugs but do the least harm to the plant, a Gardenia Bush, or to human beings who might be effected by the treatment.

A dead twig, denuded by the bugs, that contained a number of the cottony egg sacks of the Mealy bug, was cut off and placed in a test tube. After a few days the bugs hatched out and there was a good supply from which to make the tests.

Leaves of the plant were carefully washed to remove all evidence of the bugs, and a photo of the plant was made with a polaroid camera.

This test was set up not only to kill the bugs, but at that time it was designed to test out a newly designed instrument that contained a modality that demanded a test in order to determine the direction to follow in future designs.

For this reason, tests of reagents included only those of the non-toxic, so-called harmless, varieties. It was found that Viaform, a vormefuge, should be effective on the bugs and beneficial to the plant.

The Viaform and the photo were placed in the new instrument and the modality dial set to "Sweep." The energy from the photo and the Viaform was implanted in a sealed vial of distilled water, a 10 cc ampule of the kind used to dissolve drugs for injection.

This vial of charged water was used as the entire reagent and specimen in giving the treatments.

Treatments were for five minutes each daily. Observations were made frequently and the tests were made from time to time without keeping any record of them.

At the start of the treatments, the limbs and twigs of the plant were covered with thousands of the tiny bugs that ranged in size from too small to see without a magnifying glass, up to bugs an eighth of an inch long.

The tiny bugs disappeared at once but the large ones stayed on longer. Some of the larger bugs seemed to have an immunity as they were active though greatly reduced in numbers. From time to time, it was noticed that there would be a new hatch of bugs but they lasted only a day and were gone.

The same originally prepared water reagent was used throughout the treatments. Treatments were discontinued when it became evident we had eliminated most of the pests.

Just before the treatments were started, it was noted that the bush was full of buds but they started dropping off, being stung at the base of the bud where it attached

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to the stem. There was a brown spot there and the stem of the bud turned brown only at that spot. The buds stopped dropping off as soon as treatment was started. There was some other pest working on the plant that we did not work on.

It was obvious that the particular reagent we chose in this experiment did not effect the eggs, only the newly hatched bugs were effected.

The experiment served its purpose and the instrument has been finished.

Tests were made by Louise and Galen Hieronymus, during March, 1955.

(retyped May 17, 1976)

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PLANT LIFE ON VENUS						
Body organ	Venus	Mango tree	Willow tree	Pine tree	Bermuda grass	Weed seed
Vitality	1425	447	345	464	235	232
Heart	0	0	0	0	0	0
Lungs	1218	559	457	467	355	269
Kidney	1135	566	0	0	0	0
Liver	0	0	368	366	0	459
Lymphatics	0	669	0	0	369	0
Spleen	1235	0	461	566	0	352
Bone Marrow	0	465	0	759	569	361
Chlorophyl	1205	769	562	651	269	436
Pineal	1315	767	353	358	447	351
Thymus	1326	969	453	364	268	464
Pituitary	1210	350	357	458	471	452
" Anterior	0	0	0	350	0	0
" Posterior	0	0	0	0	0	0
Adrenals	1220	367	468	461	570	552
" Cortex	0	0	0	369	0	0
" Medulla	0	0	0	0	0	0
Thyroid	0	267	251	468	271	446
Parathyroid	0	0	0	0	0	0
Parotid	1232	656	464	358	368	457
Stomach	1531	671	557	547	362	347
Duodenum	1124	555	0	368	0	0
Gall Bladder	0	766	252	0	366	247
Pancreas	1233	652	0	354	0	0
"Is. Lang.	0	0	0	356	0	0
Colon Wall	1234	652	327	452	0	366
Appendix	0	0	0	0	355	0
Prostate	1536	866	352	359	0	467
Testes	0	0	0	0	0	0
Breasts	0	0	0	0	0	0
Ovaries	1333	770	350	459	0	352
Uterus	0	0	0	0	0	0
Nerves	1213	1067	458	465	371	156
Alkalinity	0	0	0	0	0	0
Acidity	1435	768	466	569	474	257
Sodium	0	0	0	0	0	0
Chlorine	0	0	152	0	0	0

A small telescope, mounted on the roof of our house, was trained on Venus, and a wire from the lens holder, ran from the lensholder to the instrument, set up on the patio of our house, providing a specimen from which to work.

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TESTS MADE ON A KEY LIME TREE

A young lime tree that bore its first fruit last year, had evidence of producing only a very few limes this year. The limes showed evidence of Nematode radiation in the fruit that showed up in the people who ate the fruit. (This is a fact not recognized by biologists, etc., but it is the cause of much distress in those who are sensitive or allergic to certain foods.)

Tests showed that dial settings of 2-100 and 39-82 were the frequencies of the Nematodes and that 14-64 was a frequency that would reduce or destroy the Nematode radiation in the body.

OBJECT: To attempt to improve the fruit for human consumption (it is not fit to eat as found), by treating the tree at desired frequencies.

OBJECT UNDER ANALYSIS	2-100	39-64	14-64
Test of empty instrument (slight residual from former treatments) 5:15 PM	0	0	8
Leaf from the lime tree No. 1 Leaf	254	232	26
Leaf from the lime tree, No. 2 leaf, used to treat the tree on rate 14-64 for 10 minutes. After that, a recheck showed, at 5:25 PM			
empty instrument	0	0	8
Leaf No. 1	21	18	455
Leaf No. 2	16	7	352
Leaf No. 3 (a new leaf just taken from the tree)	12	14	455
Recheck at 7:30 PM			
Leaf No. 1	17	14	59
Leaf No. 2	19	15	56
Leaf No. 4 (fresh from tree)	11	15	258
Recheck at 10:30 PM, same day, Leaf No. 4	53	50	48
Recheck Thursday (next day) 10:15 AM			
Leaf No. 5 picked fresh	54	51	148
Recheck same day at 10:45 PM			
Leaf No. 6 picked fresh	47	37	147

Treated 10 minutes that evening. No recheck.

No further tests were made at that time. About 10 days later, there was a new crop of blooms and leaves and tiny fruit buds began to show.

It should be noted that the first fruit of the season was on the inner part of the tree and that a lot of the leaves and the fruit dropped from the tree prematurely. The fruit usually drops when ripe, but not the leaves so much.

Some of the small fruit that was on the tree when the tests were started, continued to grow and when ripe, it showed no evidence of Nematode radiation and was eaten with no bad effects.

Now leaves have grown on the inner part of the tree where they had dropped and all the new buds have developed into so many small limes that they may be too much weight for the tree to carry without breaking the limbs.

A mocking bird has made its nest in the tree with four eggs in it. For this reason, another treatment on 14-64 was recently given.

Tests were made by Louise and Galen
Hieronymus, March 16, 1955 to
May 1, 1955.
(retyped May 18, 1976)

Excerpts from Various Sources Pointing Toward Elemental Radiations

(1). Patent No. 2,482,773, dated September 27, 1949, entitled "Detection of Emanations from Materials and Measurement of the Volumes Thereof."

It has been discovered that there are radiations emanating from or released from each of the known elements constituting material matter.

(2). Page 7, "A Scientific Philosophy of Evolution," by Dr. Oscar Brunler, Copyright, 1950, first edition, printed by DeVorss & Co., Los Angeles, California.

Everything on earth radiates. This is a scientific fact. Trees, plants, metals, minerals, and man himself emit radiating energies whose wave-length can be measured with an instrument. Each element or object has its own distinctive wave-length, and it is this fact which determines the nature and quality of every substance.

(3). Page 30, Organic Gardening, June 1950. Reference is also made to "Farm Bureau Mirror" for March 1950.

Killing Japanese beetles and American Elm tree pests. Work done by the Research Division of the Pennsylvania Farm Bureau Cooperative Association. "The principle theory of the process is that all molecules of matter, in constant vibration produce electrical impulses and 'broadcast' them much in the manner of a tiny radio station. — Each molecule can receive a broadcast if the incoming waves are of the corresponding frequency.

(4). Letter from Dr. Geo. K. Stokes, 1109 Tenth Street, Coronado, California, July 28, 1950.

Dr. Chandler, working with Dr. Howard, M.C. (of San Diego, California) told me of the following experiment they carried out; They took two cultures — one of strep and the other of staph — and destroyed both with the "Anapathic." They carried out a second experiment in the same way, but instead of depending on themselves for results they sent the "before and after" specimens to a medical laboratory for checking with the same results obtained.

(5) Letter from Dr. E.S. Todd, 3314 Manchester Boulevard, Inglewood, California, July 31, 1950. (NOTE, both references 4 and 5 are of the same set of experiments. The "Anapathic" was the instrument left for Dr. Miller of Los Angeles, California to use.)

Dr. Miller took the "Anapathic" to San Diego over the week end to show to two doctor friends. They ran a test of B. Coli, using a fresh specimen of milk.

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McGraw-Hill Publishing Company Inc

McGraw-Hill Building
330 West 42nd Street
New York 36, N.Y.

July 26th, 1955

Mr. T. Calen Hieronymus
9 Highland Drive
Camp Hill, Pa.

Dear Calen and Louise:

It was so nice to see both of you the other day and I want you to know how much I appreciated the opportunity of going over with you some of the details of the Eloptic Radiation device.

For your records, I think you should know that whatever you did to the cherry tree on our lawn was GOOD. We don't have a caterpillar in sight!

Here's the chronology of the project: On June 2, 1955, I sent you a specimen of tree leaf and 4 caterpillars from the wild cherry tree on our property, Cove Lee Drive, (Westport), South Norwalk, Connecticut. The tree was riddled with the darn things, crawling all over the place, even on others of our bushes, small flowers such as pansies, etc. You received this sample from Col. Gross on June 6th and gave a treatment. I had also sent along negatives of the tree and surrounding area. As you stated in your letter to me of June 6th, you used a reagent of Cedar Oil?

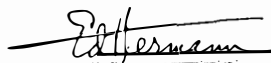
On June 7th and 8th, my wife and I noticed that there were many caterpillars leaving the cherry tree, crawling down the bark to the ground. Within two days, to the best of our knowledge, there wasn't a caterpillar in sight on our property. This isn't normal; last year we were still burning off caterpillars in late June and early July with flaming kerosene torches.

I thought you'd like to have this report for your records. Something definite and specific was done here- of that I am sure. Thanks very much for your interest in the case.

Please don't forget to send me the literature you showed me at the Hotel Statler last week. I'll study it and return it promptly to you. Best of good wishes to you and Louise. I will have a much longer letter coming to you in a few days.

Sincerely yours,

Edward W. Hermann
Cove Lee Drive
South Norwalk, Conn.



"A NOTE OF EXPLANATION"

Cedar oil was used. Those caterpillars that were headed down when we started to treat the tree, they escaped down the trunk. Those headed out the branches could not get away from the "treatment" and were destroyed. There was a residual effect that lasted through the next year season.

T. G. Hieronymus.

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McGraw-Hill Publishing Company Inc

McGraw-Hill Building
330 West 42nd Street
New York 36, N.Y.
LONGACRE 4-3000

June 4th, 1956

T. Galen Hieronymous
1024 North 31st Rd.
Hollywood, Florida

Dear Galen:

Hi there, fellow...glad to hear you will be coming north in a few weeks. I had lunch last Thursday with Henry Gross and Roland Benjamin...at the Yale Club...with Arthur Gray, president of Street & Smith (publishers of Astounding Science Fiction) and John Campbell, Jr., editor of same. Will send you a report on this meeting in next day or so (I promise!)...but have to go to a meeting in a few minutes so must get to heart of this note fast.

Whoops- Fran Farrelly just called me...said she had seen you and Louise in a wonderful visit. I'm having lunch with her today so will get the news about you all from her.

Galen, the wild cherry tree you treated last year is doing fine! Remember last May, 1955- you treated it from the picture negative I sent you? Well, the next few days after you started treatment, the caterpillars came off it in droves. My kids spent all day stamping on the darn things. This year- May, 1956- not a trace of a caterpillar on that tree! While allaround- on other wild cherry trees...loaded with caterpillars! So there is a residual effect of the radionic treatment.

Now, the smaller wild cherry in the back yard is also affected. We have had caterpillars on that for the past three years. Would you be a sweetheart and give it a treatment? I am including the pix- negatives and prints- plus a sample of the leaves. This will make a darn good control on the other tree. Both are same species. Last year, when the big tree got the treatment, the little one took a beating from the caterpillars. Now, we want to see what a treatment will do to it.

Want to work on our plot of land with radionic treatments...will write you about it in detail in next letter. Must scram now, in haste. Hope you are all well. PLEASE let's get together for lunch when you get north??? Would love to see you. Note clipping enclosed- from today's New York Times.

Love to you both.

Edward W. Hermann
Cove Lee Drive
South Norwalk, Conn.

Ed

TESTS MADE AT HILLCREST NUTRITIONAL FARM - - - 9-9-52 ON RYE GROWN ON FERTILIZER TEST PLOTS

Twenty test plots about two feet square, separated by boards set on edge, were fertilized as shown and sown with Rye and allowed to grow until they reached the second joint stage when about 260 stalks were cut from each plot dried and ground to a medium fineness, placed in test tubes and numbered from 1 to 20.

The plots were then soaked with water and the stubble (about one inch above ground) with root attached was removed, washed, dried and also ground to a similar degree of fineness and placed in test tubes which were lettered, the stubble from plot No. 1 being marked "A", that from plot No. 2 being marked "B" etc.

Both sets of test tubes were tested by the Hieronymus Analyzer for the effect on the Vitality of human beings.

The basal vitality rate without any of the plant material was 44. The values shown are the result in each case of the effect of the plant material on that vitality rate.

Each vertical column of plots had mixed into the soil of that plot, the fertilizer shown at the top of that column. Each horizontal row of plots had mixed into the soil of that plot, the fertilizer shown at the left side of that row. Thus plot No. 1 was virgin soil without any fertilizer added. Plot No. 9 had both Dried Seaweed and Manure. Plot No 20 had Dried Seaweed, Pfeiffer's starter, Manure and Amonium Nitrate, all mixed into the soil.

		Virgin Soil	Fresh Seaweed	Seaweed Extract	Dried Seaweed	Dried Sea Weed and Pfeiffer's Starter
Virgin Soil	Plant Root	(1) 106 (A) 78	(2) 98 (B) 89	(3) 117 (C) 67	(4) 88 (D) <u>92</u>	(5) 127 (E) 66
Manure	Plant Root	(6) 76 (F) <u>86</u>	(7) 116 (G) 97	(8) 102 (H) 68	(9) 94 (I) <u>98</u>	(10) 117 (J) 77
Amonium Nitrate	Plant Root	(11) 82 (K) <u>96</u>	(12) 104 (L) 72	(13) 124 (M) 102	(14) 107 (N) 84	(15) 121 (O) 91
Manure and Amonium Nitrate	Plant Root	(16) 93 (P) <u>98</u>	(17) 132 (Q) 71	(18) 116 (R) 63	(19) 107 (S) 97	(20) 126 (T) 86

Note that Manure showed the poorest effect of all the fertilizer combinations that were tested. Amonium Nitrate was next. Dried Seaweed was not too good.

Note that with Dried Seaweed alone, Plot (4) showed that the fertilizer put most of the Nutritional value in the ~~Root of the plant~~ Root of the plant (92 points in the root and 88 points in the plant above ground). The same was noted with Dried Seaweed and Manure in Plot (9), 98 points in the root and 94 in the top part of the plant. Amonium Nitrate alone did the same as shown in Plot (11) and with Amonium Nitrate and Manure, Plot (16).

T. G. Hieronymus. 9-9-52.

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DIRECTIONAL ORIENTATION OF PLANT FOR BETTER GROWTH

When a plant is transplanted, it is usually put in the ground in a hit-or-miss manner, or it is positioned so a certain better looking side is out.

There is a best direction for every plant, that will give it the best opportunity for growth. It is relatively simple to find the best direction, if you have access to an ELOPTIC analyzer.

First, with the plant in a pot or other container, mark one side of the container with a mark of some kind that can be easily see as the container is rotated. Next, establish the directions; North, northeast, east etc. It is best to scratch the directions on the ground, first the N = E = S = W = directions, then half way between each of the four lines, mark NE - SE - SW NW so you have eight lines on the ground.

Place the container in the middle of these lines with the line on the container pointing North. Measure the vitality of the plant and write it opposite N; thrn the container so the line points toward NE, measure the vitality and write it opposite NE, continue to turn the container and measure the vitality of the plant in the various directions.

There will be one direction that will give the highest reading of vitality. If the plant is placed in the ground according to its best direction, the plant will grow much better that if it is planted in another direction.

The following table lists six plants that were st tested for vitality.

DIRECTION ION	PINK GRAPE FRUIT	HIBISCUS RED FIRE CHIEF	VALENTIA ORANGE	GARDENIA	PUMPKIN AVOCADO	AIR LAYERED HIBISCUS
N	120	110	220	230	140	85
NE	52	95	120	300	110	110
E	220	150	240	220	90	100
SE	<u>420*</u>	160	<u>320*</u>	<u>400*</u>	170	160
S	80	230	120	220	<u>230*</u>	70
SW	65	<u>420*</u>	100	230	110	100
W	130	110	220	260	140	240
NW	200	100	220	230	110	<u>330*</u>

Note that in each case, there is one best position or direction for that particular plant.

T.G.Hieronymus, June 1968.

Brucellosis Transmitted by Raw Milk

Tests made 9/13/52 at Hillcrest Nutritional Farms Laboratory.

Lowell Pratt, president of the Farm Company, had been ill and asked that an analysis be made to determine the cause. Tests showed he had 40 points of Brucellosis Abortus in the muscle.

Dr. McCone, veterinarian for the farms, took sterile samples of milk from each of the five cows whose milk was being used for human consumption without any pasteurization or other treatment. The dials of the analyzer were set for Brucellosis in the muscle. The specimen of Mr. Pratt showed 40 points. The samples of milk were introduced, one at a time, into the analyzer so the energy from the milk could be mixed with the energy from Mr. Pratt's specimen, and the result of each was recorded. The following tabulation shows the values obtained:

Mr. Pratt alone 40 points. Reference value.

" with milk from cow No. 1, 40 points No change.

" " No. 2, 34 " Lowered value.

" " No. 3, 132 " Greatly increased.

" " No. 4, 40 " No change.

" " No. 5, 32 " Lowered value.

This shows that cows No. 1 and 4 were clear; cows No. 2 and 5 indicated the probability that antibodies had been built up to combat the disease; cow No. 3 gave every indication of having the disease.

Dr. McCone then said that the No. 3 cow was stunted, gave less milk than the other cows (held as much as No. 5 cow) and that she had lost her calf at birth.

He took sterile blood samples from each of the five cows and sent them to three different laboratories for analysis. All three laboratories found No. 3 cow to have Brucellosis Abortus. The other cows showed negative.

At another time, physical discomfort was noticed immediately after eating strawberries and whipped cream. Tests with our analyzer showed the cream to contain a high value of Brucellosis Abortus. Some of the cream was placed in a pan and boiled at a fast rolling boil for ten minutes. After the boiled cream had cooled, it was again tested and the same amount of the disease reaction was found. The same frequencies (dial settings) were used in all tests. It is quite probable that the dead germs gave off the same frequency rates as the live ones.

It has been observed many times, that the radiation from, so called, dead disease germs, can produce an effect similar to that produced by live germs.

Agricultural Potential of Eloptic Energy

Many people suffer from mild cases of certain diseases, at least tests with the analyzer show the same frequencies present that are found in cases of the most violent and definitely diagnosable kind. Some of the mild cases are not possible to diagnose with the orthodox test procedures usually employed.

The Story of Eloptic Energy



TOM LINDER
COMMISSIONER

Department of Agriculture

State Capitol
Atlanta 3, Georgia
July 24, 1953

Radiation Laboratories, Inc.
P. O. Box 749
Hollywood, Fla.

Att: Mr. T. G. Hieronymus

Dear Mr. Hieronymus:-

Thank you very much for your informative letter of several days ago. I would have answered it earlier but have been out of the state, and have not had the opportunity.

We are very much interested in your analysis ^{machine} and would be very much interested in receiving as detailed information as possible describing it.

I hope to have the opportunity during the late Fall of this year to visit you that I might know more about this equipment.

Looking forward to receiving any information or literature that may be available on this equipment, and assuring you that it will be given due consideration.

Kindest personal regards and best wishes.

Sincerely

Earl Wingo

Earl Wingo
Administrative Assistant

EW:11

Agricultural Potential of Eloptic Energy



TOM LINDER
COMMISSIONER

Department of Agriculture

State Capitol
Atlanta 3, Georgia
April 15, 1954

Mr. and Mrs. T. G. Hieronymus
1024 North 31st. Rd.
Hollywood, Fla.

Dear Friends:-

Since returning to Atlanta, we have discussed the possibility of using one of your machines in our experimental work. Before we will be able to set up the experiment using this machine, it is necessary that we complete several experiments that are now under way.

Enclosed you will find a chemical analysis of a number of plants used in salads which I believe you will find most interesting.

In a few days I will endeavor to get you some fresh sassafras roots and will forward them to you at that time.

We had a most pleasant visit with you, and appreciate your many courtesies, and the time you gave us while on the visit.

I hope to have the pleasure of seeing you again at some early date in the future.

Kindest personal regards and best wishes.

Sincerely,
Earl Wingo

Earl Wingo
Administrative Assistant

EW:11

The Story of Eloptic Energy

AGRICULTURAL EXPERIMENT STATIONS
UNIVERSITY OF FLORIDA
SUB-TROPICAL EXPERIMENT STATION

April 19, 1957

ROUTE 2, BOX 508
HOMESTEAD, FLORIDA

Mr. T. G. Hieronymus
Radiation Research Laboratory
1024 North 31st Road
Hollywood, Florida

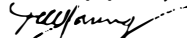
Dear Mr. Hieronymus:

On my way to Homestead next Tuesday, April 23, I will leave the pure collection of 200 burrowing nematodes (Radcooholus similis) I promised with you. I will also leave a Syracuse watch glass suitable for examining living nematodes under the microscope.

If you have arranged your microscope for use with transmitted light of suitable intensity you should be able to distinguish between the burrowing nematode and other nematodes with some practice. Most persons engaged in this sort of work use some sort of filter between light source and nematodes being examined. I have tried a number of different glass filters, some of which work very well, but have found that thin yellow paper (sample enclosed) works most satisfactorily for me. In fact, for nematode identification and collection, I have discarded all elaborate microscope lights with filters in favor of an ordinary shaded desk light, using a filter of yellow paper on a wood frame between light and substage mirror. Since your instrument has no mirror, the filter will go between light and object examined. There are probably dozens of lighting arrangements superior to my set-up and I'm sure you will fix up one that is satisfactory for you. Each person seems to have his own ideas on this subject, which is natural since the individual's sight is the factor to be satisfied.

My schedule for Tuesday is full so I will not have time to visit with you. I want to bring the nematode collection by, however, rather than send it by mail so as to be sure they reach you in good condition. They are all active and I'd hate to have them get heated up to point where some might die. I should be at your place before noon Tuesday.

Sincerely yours,


T. W. Young
Assoc. Prof.

Agricultural Potential of Eloptic Energy

In line with our conversation yesterday, I am jotting down some of the items of most probable interest in connection with the utilization of Eloptic energy in military and public health activities.

The potential uses of Eloptic energy are as great as those of heat, light and of electricity. It is a natural force that has only recently been observed because a means of detecting the presence of the force was lacking. Only the bare surface has been scratched in its uses and understanding of the laws by which it acts.

Most of the scientists with whom I have attempted to discuss the subject, push the idea aside with the implication that, "It is absurd. Who ever heard of a force of that kind." or "Show me anything in the accepted literature where such a force is mentioned." The idea is ridiculed without any attempt to investigate it to find out whether it might be true.

It is very easy for any true seeker after the truth, to try out a few experiments and prove to himself that the energy does exist and it can be put to work.

- 1 - Each Isotope of each element of material matter radiates an energy.
- 2 - The frequency of radiation is different from each isotope.
- 3 - Combinations of two or more elements radiate a specific frequency for the combination, by which that combination can be definitely identified.
- 4 - Eloptic energy can be conducted over certain materials and obeys laws similar to but not the same as Electricity.
- 5 - Eloptic energy can be focused, refracted, diffracted and manipulated and it obeys laws similar to but not the same as those of light or optical energy.
- 6 - Instruments have been developed that make it possible to tune in to the various frequencies of radiation from single elements and combinations of elements and frequencies have been charted for hundreds of these.
- 7 - Included in such instruments is a device with which it is possible to obtain a relative index of the intensity of each radiation, by which it is possible to obtain the approximate amount of any material involved, when referred to a standard.
- 8 - Eloptic energy can be amplified.
- 9 - It can be transmitted to great distances.
- 10 - Its destination can be pinpointed very specifically.
- 11 - Radiations from e.g., a poison, can be amplified, transmitted to a distance, and made to alter a living organism at the destination.
- 12 - Eloptic radiations from an object photographed, will be found to have been implanted into the photograph film where they can be picked up by an electrode or stylus, conducted into an analyzer and the source of radiation identified. Camouflage has no effect on such radiations.

The Story of Eloptic Energy

13 - A material (alloy, compound, solution, etc.) can be analyzed by placing a small amount of it in an analyzer and testing for the various radiations that are given off by the material.

14 - Contra to No. 11 above, constructive radiations can be transmitted to a living organism such as a plant or animal and e.g., the yield of a plant be increased or the health of the plant be improved.

While very meager, the above will give you an idea of the many ways in which the use of Eloptic Energy might benefit mankind.

T. Galen Hieronymus.

Agricultural Potential of Eloptic Energy

October 18, 1954.

Mr. Donald A. Quarles,
Assistant Secy. of Defense.
Washington 25, D. C.

Dear Mr. Quarles:

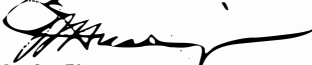
Senator Williams kindly sent me a copy of your letter to him dated Oct. 13, 1954, and this is in compliance with your request for a copy of the patent and other pertinent data.

The attached brochure will give you some idea of the scope of the material and a few ways in which I believe the idea can be of value in the military program. There are, of course, many others.

Page four of the report especially covers a very important item of military interest and I commend it to your attention. The first part of the report covers the more scientific aspects of the subject.

There will undoubtedly be many questions and ideas to be discussed and I await your suggestions.

Sincerely,


T. G. Hieronymus.
1024 N. 31st Road.
Hollywood, Florida.

cc

Senator John Williams, Delaware.

The Story of Eloptic Energy



OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
WASHINGTON 25, D. C.

RESEARCH AND DEVELOPMENT

JAN 26 1955

Mr. T. G. Hieronymus
1024 N. 31st Street
Hollywood, Florida

Dear Mr. Hieronymus:

The papers you forwarded me on October 18, 1954 covering your proposal on Eloptic Radiations were reviewed by my staff and were also referred to the National Inventors Council for review and evaluation.

It was the opinion of the scientific personnel evaluating your proposal that the personal equation had entered into the tests which you conducted and that reproducible results would not be obtained by other operators. Therefore, I feel that the proposal in its present state would be of no value to the Department of Defense, and I am returning the descriptive material to you.

Your interest in contacting the Department of Defense on this matter is appreciated.

Very truly yours,


Donald A. Quarles

NOTE: This "so called evaluation" was done without anyone
Incls. of them ever seeing the instrument or asking for
Brochure additional information, or trying to
Patent No. 2,482,773 get any more information. In other words, no "evaluation" was
made. They had made up their minds that there could not be any
sense to the idea, and it was condemned as a crackpot idea.

T. G. Hieronymus.

Agricultural Potential of Eloptic Energy

STREET & SMITH PUBLICATIONS, INC.

304 EAST FORTY-FIFTH STREET, NEW YORK 17, N. Y.

JOHN W. CAMPBELL, JR.
EDITOR, ASTOUNDING SCIENCE-FICTION

February 4, 1957

Mr. T. Galen Hieronymus,
Radiation Research Laboratory
1024 North 31st Road
Hollywood, Florida

Dear Galen:

I've been very slow in replying on your article, because of some long, deep, and serious thinking about the problem of optimum presentation.

I've been checking the reactions to the articles I have run, and doing it most carefully, and in many ways. The problem is one of presentation of the facts. Facts alone are of little use, as you, over these many years, have learned. Facts don't help a bit, if you don't succeed, somehow, in making the other guy believe they're facts.

I'm skittish as all get out; I don't know which way to jump next, and I'm trying to find out---because, in this last year or so, we have, through Astounding, made more progress in getting the story over than all the hard work with facts that went before.

Look at the results so far.

1. Claude Shannon of M. I. T. is interested; that's a real lead in.
2. I got a call from a captain at the Sandia Base; that's the Special Weapons research base. (The atomic bombers have that as home-base.) The captain was calling to check with me whether the Army should set up a Psionics Research project at this time. He felt that it wasn't quite time---but that the Army should keep a very close eye on what the amateurs were doing.
3. The Rand Corporation---one of the top pure-research outfits in the country---sent a man to see me, and get what information I could give him on psionics. They want in.
4. I was visited by the Director of Research for Bell Aircraft; he wanted to find out more about psionics. They want to keep track of it.
5. The American Weekly, the Hearst papers Sunday magazine, sent a couple of men around; they were planning an "Out of This World" issue, with some clean fun spoofing the psionics business. Their science editor, and a reporter came around to see me. Their science editor got his ears pinned back, because I could show him wide-open holes in science that he had never noticed---and then Ed Hermann swamped the pair of 'em with sheer data and facts. Their attitude was mighty different when they left. The fact that Sandia, Rand Copr., and Bell Aircraft were interested was not without effect.
6. There are various modified versions of that mineral detector of yours

The Story of Eloptic Energy

Research Experiments for the Purpose of Finding a Method of Proving the Existence of Eloptic Energy Radiations and Their Merit in Altering the Normal Life Cycle of Certain Virus Organisms

Tests were run in Dade County, Florida, between November 3, 1954 and February 10, 1955. This report is made from data taken at the time tests were run, and written by:

Dr. T. Galen Hieronymus, PhD.

The experimental study herein reported was designed primarily to provide a readily repeatable series of experiments by which the following facts may be easily proved:

- 1 - There is an energy emanating or radiating from each element or combination of elements that make up this material world.
- 2 - Materials may readily be analyzed as to the elemental content.
- 3 - This energy may be manipulated so as to alter the life cycle of certain living organisms.

Eloptic Energy

For convenience, the energy utilized has been named ELOPTIC, a word coined from ELECTRICITY and OPTICS since it has been found that the energy obeys some but not all of the laws governing those two forms of energy.

It has been discovered that there is a radiation or emanation of Eloptic energy from each isotope of each element that makes up the material world. There is also a frequency radiated from molecular combinations.

Apparatus has been designed and built by the writer, with which it is possible to "tune in" to the radiations from such elements or combinations of elements. See U.S. Patent No. 2,482,773, or Canada patent No. 486,008, or British patent No. 663,978, entitled "Detection of emanations from materials and measurement of the volumes thereof." Through the use of such apparatus, factors No. 1 and 2 outlined above, may be readily determined.

In order to prove readily that the life cycle of certain living organisms may be altered, as mentioned in the third item above, the following experiment was devised, and it is this experiment that provides the principal part of this report.

Agricultural Potential of Eloptic Energy



TOM LINDER
COMMISSIONER

Department of Agriculture

State Capitol
Atlanta 3, Georgia
May 27, 1953

Radiation Lab. Inc.
4209 Michigan Ave.
Kansas City 4, Mo.

Gentlemen:-

We are interested in scientific equipment as possibly being used in a program which we have under way in Georgia --- A study of the soil (organic matter, minerals, trace elements, etc.); A study of plants (as to the various elements taken up by the plant from the soil, and the amount of each); A study of animals (the elements and amount of each in the blood and tissue, especially in livestock with a known disease); Also a study in similar manner of human blood.

We would be most interested in getting information of your equipment as it may be applied to some of the above work.

Kindest personal regards and best wishes.

Sincerely

A handwritten signature in cursive script, appearing to read "Earl Wingo".

Earl Wingo
Administrative Assistant

EW:11

The Story of Eloptic Energy

July 1, 1953.

P.O. Box 749 Hollywood, Florida.

Dept. of Agriculture.
State of Georgia.
Atlanta 3, Ga.

Mr. Earl Wingo,
Administrative Asst.

Dear Sir:

Your letter of May 27th was just received, it having been sent to the wrong address in South Miami. I was in Kansas City having my furniture and laboratory equipment moved to Florida when your letter arrived. Please note the correct address is P.O. Box 749, Hollywood, Florida.

It is a pleasure to note the interest being shown by you in the use of our apparatus and instruments in the analysis of the various elements to be found in soil, plants and live stock. This equipment is completely covered by issued patents in Canada, Great Britain and the United States,

We discovered that each isotope of each element of material matter gives off or emanates a radiation. The radiation from each isotope is different in frequency from the radiation of all other isotopes. We have discovered and patented a method of refracting the radiations so they will spread out over a fanlike sector, much as the colors of the rainbow do when seen through a prism, and can pick up each frequency or radiation, and by the location where the radiation of the frequency wanted, falls in the sector, we know what element or isotope of that element it is.

Last summer, twenty test plots, each of approximately 250 stalks of rye were made up and each plot was fertilized with a different combination of manure, commercial fertilizer, sea weed, Pfeiffer's starter, etc. When the stalks had reached the first joint stage with the highest protein content, the stalks were cut off about one inch above ground. These stalks from each plot were dried and ground up and a sample of each plot was put in a test tube and numbered. The soil was soaked so the stubble and root structure could be taken up and similarly dried and sampled. These were lettered so that No. 1 stalks and No. A root were from the same plot.

Many tests were made one of which was the nutritional value for humans and it was amazing the way the tests showed up. Under some conditions of fertilizing, the energy was all in the roots and little in the stalks.

Agricultural Potential of Eloptic Energy

Earl Wingo, Dept of Agriculture, Georgia. 7/1/53.

Under other combinations of fertilizer, the energy was mostly in the stalks. From this, you can see how the analysis of plants with our instruments would fit in with the tests to determine the proper combination of fertilizer elements for root crops and other crops. The amount of each of the trace elements of e.g. copper, so necessary in the fixing of iron can be determined and also just where it is concentrated, in the root, the stalk, the leaves or the head.

The milk from five cows was being mixed and used for drinking without any form of pasturization, on this same farm. Several people were not well and we traced the trouble to a very mild form of one of the undulant fever strains in the milk. There was disagreement as to whether this could be possible. We took samples of milk direct from each cow and found that No. 3 cow was carrying a mild form of *Brucillus Abortus*. A veterinarian took steril samples of the blood of each cow to three different laboratories and the No. 3 cow showed positive, the others, negative. The history of this cow was traced and found that she had aborted her first calf. (her only one.)

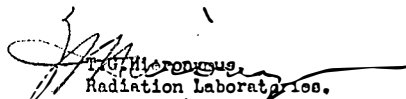
These are two illustrations of the way in which our analyzer may be employed to determine what, where and how much in connection with soils, plants, animals. As to human beings, the extent of our work is so vast to be impossible to cover in a letter.

At the present time, I am devoting my full time to research and only building instruments to order. I have two industrial analyzers available. We do not sell them without the buyer taking a course of instructions in operation of the equipment. Since starting this policy, we have not had any dissatisfied users.

It is only a short distance from Atlanta to Hollywood, Florida and we would like very much to have you or one of your representatives come here and see first hand what can be done. We have had tests on the analyzer turn out so at variance with the accepted ideas, that we will not run 'blind' tests. We much prefer that you learn to operate the apparatus and then, if the results do not coincide with orthodox ideas, there will be no question in your mind as to the truth. The apparatus will now verify preconceived or orthodox ideas unless the idea is correct.

Looking forward to being of assistance to you in your agricultural research toward better and more nutritional crops and food products, I am,

Sincerely,


T. G. Hironimus,
Radiation Laboratories,
P.O. Box 749,
Hollywood, Florida.

The Story of Eloptic Energy

Raw sugar Absorption of Malign Radiations

Material

Raw or whole sugar purchased from a health food store in Santa Barbara, California, early in 1952.

Tests

When first purchased, the sugar tasted good, it raised the vitality of both L.B.H. and T.G.H.

The sugar was kept in a glass jar in the kitchen of an aluminum house trailer at Sandyland, a beach resort about 15 miles south of Santa Barbara on the ocean.

After a few days, gastric disturbances caused the sugar to again be tested. It was found that the presence of the sugar lowered the vitality of both L.B.H. and T.G.H., that of the L.B.H. tests showed to be lowered from 42 points to 8 points.

There was considerable swampy ground around the area and subsequent tests and observations indicated high readings of both Malaria and Flu.

The jar of sugar was kept for further tests, and was taken from California to Tucson, Arizona, where on March 3, 1952 it was again tested. The Vitality of Mrs. L.B.H. was raised from 31 points to 76 points by the sugar, showing that moving the sugar out of the Malignant area energy field allowed the effect to be dissipated without treatment of any kind.

This ability of the sugar to dissipate the harmful effects it had absorbed differed from the case of the whole wheat flour which held the effects. See tests "Whole wheat flour absorption of Malign radiations."

Whole Wheat Flour Absorption of Malign Radiations

Material

1 - Wheat grown in 1951, in Platt County, Missouri, and stored on the farm.

Preparation

About ten pounds of the wheat was ground in a Dr. Lee grinder for making bread, in January 1952.

Agricultural Potential of Eloptic Energy

Tests

Vitality tests showed the ground wheat to be excellent, both before and after being made into bread.

Some of the ground wheat was taken in January 1952 to Sandyland, south of Santa Barbara, California. It was kept in an Aluminum House-trailer (Grounded via metal water line).

Enough wheat flour was used to make two loaves of bread every few days. After a while or so, it was found that the flour was no longer good; that is, it lowered the vitality instead of raising it as at first.

Tests showed that the flour had taken on the malignant radiations of Malaria (4), Flu (38 and 68) and Cancer (30), from the area where the Trailer was located.

Use of the flour for bread was discontinued but the flour was kept for further tests, for a few weeks in Arizona, then the Trailer, with the flour, was moved back to the same farm where the wheat was raised in Missouri.

Tests made after March 3, 1952 showed Malaria (4-4), 132 points; Flu (38-38), 136 points; Flu (68-68), 147 points. No reduction even though the flour had been away from Sandyland for over a month.

The Story of Eloptic Energy

"So came the Captain, with a
mighty heart
And when the Judgement thunders
split the house,
Wrenching the rafters from their
ancient rest,
He held the ridgepole up,
spiked again
The rafters of the home. He held
his place—
Held the long purpose like a
growing tree;
Held on through blame, and
faltered not at praise,
and when he fell in whirlwind,
he went down
As when a lordly cedar, green
with boughs
Goes down with a great shout
upon the hills
And leaves a lonesome place against the sky."

Edwin Markham (1852-1940)

VIII

Tracking the Astronauts

The years of the 1950's and 60's were busy ones. We both joined The Power Squadron. We bought a boat, a cabin cruiser, and learned all about running a boat and boat safety. I became a Commander in The Power Squadron, and Louise gained some certificates. We carried on various projects in our experimental work with Eloptic energy.

The days were long and hot in Florida. On a sightseeing tour we fell in love with the lime green sea and the quaint town of Key West. We went back to Ft. Lauderdale, sold our home there, and moved to Key West. A Gulf front lot was available, so, over a period of time, we bought it and built a house according to our own ideas. It was a Chinese Modern Home facing the Gulf on the western side of the island. I went fishing every day with a fellow who lived down the street. We became immersed in Navy society and attended many parties. While living in Key West, I received my Commission as a Kentucky Colonel, presented to me by my magician friend, Preston Slusher.

It was during this time we did our famous experiment with the men on a small submarine, submersed daily from 10:00 AM to 3:00 PM in the Gulf waters off Key West. We found no attenuation or difficulty in analyzing their general vitality while they were aboard a "tin-can" submarine sailing 50 feet below the surface of the water.

I was beginning to suffer from the Florida heat, so we decided to attend a seminar in Lakemont, Georgia, on Lake Rabun, in the Blue Ridge Mountains of Northeast Georgia. That was 1968. Soon we acquired a nice lot, and a mobile home, and spent the summers in Lakemont.

The Story of Eloptic Energy

TRACKING THE ASTRONAUTS IN APOLLO "11"
WITH DATA FROM APOLLO "8" INCLUDED

.....

*A QUANTATIVE EVALUATION OF THE
WELL BEING OF THE THREE MEN*

.....

THROUGH THE PERIOD
from
TWO DAYS BEFORE LIFT OFF
until
THE QUARANTINE ENDED

.....

A CONSOLIDATED REPORT
SECOND PRINTING

.....

BY LOUISE and CALEN HIERONYMUS

Tracking the Astronauts

INTRODUCTION

By Rolf Schaffranke

" I am too much of a skeptic to deny
the possibility of anything ".
(Thomas Huxley)

An experienced and well-known American engineer, - Fellow of the American Institute of Electrical and Electronic Engineers, a Registered Professional Engineer, takes a device, protected by US, - Canadian, - and British Patents and named after him, and three pictures of American astronauts about to orbit the moon ; with the help of a skilled operator and a mysterious, but very real and factual resonance phenomenon, he is able to track and monitor all physiological functions of the astronauts from planet earth to the moon and back again.

Sounds absolutely crazy. Yet it really happened, first, during the Apollo-8 flight in Dec. 1968 and was repeated again during the Apollo-11 flight in August 1969. It is repeatable anywhere, anytime, as has been proven out by the information attached.

Before you dismiss this report as " science fiction ", let us recall that the phenomenon of " psychometry " is as old as the history of men. The Kahunas, the Polynesian priests of old knew about a state of permanent resonance, a state of inter-dependence of an object belonging to a distant person, and the person as biological entity. They referred to this mysterious connection as "aka- threads".

When the famous Scottish crowning stone disappeared from its place in Westminster Abby in 1950, Scotland Yard did not hesitate to utilize the phenomenon of psychometry thru the services of Peter Hurkos, the Dutch sensitive - and promptly recovered the relic.

A clear thinking Swiss professor, Eugen Matthias, published a summary of his lifetime researches in a book titled (translated) "The Radiation From Man Proclaim His Whole Being." Dealing with what he calls a "prephysical state of matter", Matthias was able to put a photograph of a person in the circuit of his instrument, and determine that person's characteristics from the silver halide in the emulsion. In a small private research lab in Oxford, England, Mr. George De La Warr pursues research along similar lines. His co-authored books "Worlds Beyond The Atom", and Matter In The Making" are thought-provoking to the extreme, and should be of vital concern to all.

However, as the saying goes, "every progressive spirit is opposed by a thousand men appointed to guard the past". The Hieronymus experiment is an adventure into uncharted territory. The potential for future space programs and other applications is breathtaking. Obviously, we are not dealing with any form of energy or radiation officially known to science at the present time. This writer, - and with him other observers,- is convinced the described experiment will have a history making impact. He is further convinced that there is a physical basis for this phenomenon yet to be discovered. This conviction is shared by numerous other engineers and scientists.

In the past, whenever new inventions or discoveries became completely "unaccountable" to the orthodox men then in power, pioneers were imprisoned like Galileo, or burned at the stake like Giordano Bruno. In the past, mankind was not exactly kind to her pioneers. How many care to recall that Prof. Goddard was called "moon-mad Goddard" in his days ?

Above all, there is a very urgent message to the American people in this experiment. If we don't pursue this exiting field of research, other nations and ideologies will certainly do so !

o-o-o-o-o-o-o-o-o

The Story of Eloptic Energy

COMMENTS

By George W. Van Tassel
Designer of the "Integratron"

Although the tracking of the Apollo Astronauts, by T. Galen Hieronymus, is a historical breakthrough in energy detection because of the distance involved; the media of conduction is the important discovery.

The fact that no transmitter, or telemetry, is necessary to weigh down the space capsule; the energy goes around, or through solid objects that shield out radio, and appears to have no signal loss over vast distances, verifies and conforms to other advanced researches.

In our research, this absolute conductor has been called "Mind". It has been called many things, and "Eloptic Energy" is as good as any of the others. It is a static universal conductor. It is capable of unlimited frequencies, and time, distance, or speed, is not involved in its operation as a conductor. It permeates all space, and matter, and resonates in perfect harmonics in unlimited octaves beyond human understanding. Magnetism, electricity, optics, atomics, molecular, cellular, solar, and galactic laws, are only parts of its total immensity.

Lakovsky, De La Warr, Drown, Baxter, and many other private researchers have verified this unlimited conductor. The universal duality, or positive and negative polarities, seems to be the only law that requires a decision on the part of humans to manifest its results.

If all of the researchers who comprehend this vast unlimited power, could be gathered together to correlate their findings, science and the understanding of universal law would be advanced by many hundreds of years. This of course would eliminate the experts who guard the past, and at present hold back the future, to protect their status.

Progress has always been the result of the trailblazers who didn't know the principle wouldn't work. George Westinghouse found his future in Nikola Tesla, the father of alternating electricity.

Tracking the Astronauts

FOREWORD

MONITORING THE FLIGHT OF APOLLO "11" BY ELOPTIC ENERGY

We monitored Apollo "11" from Mon. Aug. 14th, 1969, two days before Lift Off until the end of the quarantine period, Sun. Aug. 10th, 1969. The same procedures were followed as those used during the monitoring of Apollo "8" last December. Later in this report will be found a short description of the procedure followed and a description of the phenomena known as ELOPTIC ENERGY that was utilized. This report is primarily written for the purpose of giving information, uncovered during the flight, that should be of interest to those in responsible positions connected with the Apollo Program and to those Lay People who are interested in new ideas and discoveries and who want to keep themselves posted on what is going on in this most interesting world of ours.

Since a great deal of the information obtained during the Apollo "8" flight can be correlated with that obtained from the Apollo "11" flight and since only 300 copies of the Apollo "8" report were printed and they are all gone, I am including some of the Test Data from the earlier flight in this report.

LETHAL MOON RADIATION BELT DISCOVERED

Of all the Data collected and information uncovered by us during this flight, perhaps the most important and startling is that there is a LETHAL RADIATION BELT ON THE MOON, apparently extending from about 65 miles above the Moon Surface, down to approximately 15 feet above the Moon Surface. At this later point, the belt stops suddenly and the Moon Surface seems to be very pleasant and most healthful for the Astronauts who were walking on the Moon Surface.

During Apollo "8" flight, when the men were very near the Moon, there was a noticable drop in their general vitality values and an increase in the Carcinogenic readings. We were watching for this condition during Apollo "11" flight and it was observable as the men approached the Moon. While they were in orbit about 60 miles up, there was some effect. Naturally, we expected the effect to increase as two of the men dropped down toward the surface and to be greatest when they were actually walking on the Moon. The first part happened as expected, the vitalities dropped and the Pathologies increased until the men actually stepped down on the Moon, then everything reversed. See the graphs covering this situation. At first, we were not sure as to whether the great increase in this effect was caused by something in the Lunar Lander, or whether it was entirely from some Moon Radiation. A careful study of the exact time when the men were in the Lander but out near the 60 mile orbit position and when the Lander was near the Moon Surface, revealed that the effect was quite definately from the Moon. This will be more fully covered in this report.

HEALTH OF THE ASTRONAUTS

Everyone will agree that the health of the Astronauts is of very great importance during the flight. A study of the Test Data taken during the two flights will reveal that some of the six men were not in the best of health at the start of their flight, but their health improved significantly after they were well on their way to the Moon. More on this subject will be given later in the report.

This is primarily a Layman's report. Any medical man who wants the facts can find enough information to keep him busy for a long time, analyzing the six sheets of test data taken during the two flights. For this reason, the three Apollo "8" test sheets are included with the Apollo "11" test sheets in this report.

September 4, 1969.

Sincerely,

Galen Hieronymus.

The Story of Eloptic Energy

LUNAR RADIATION BELTS

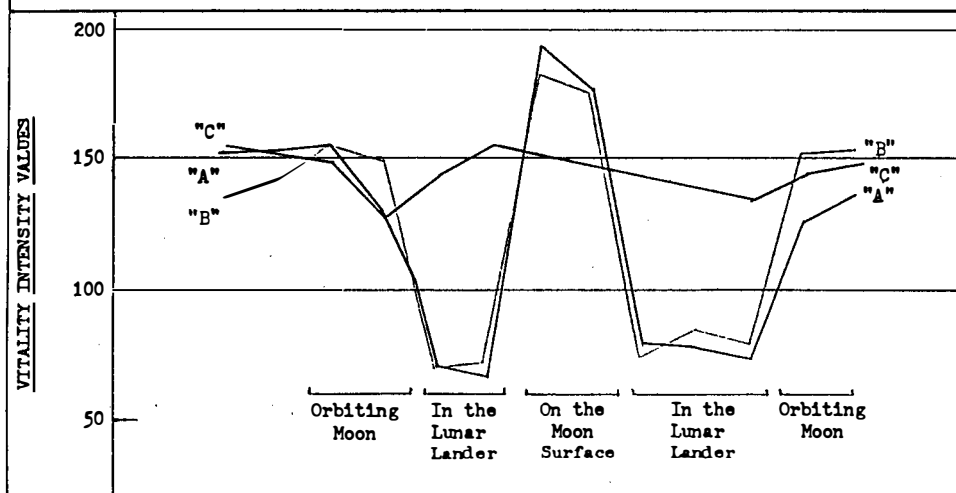
The Moon has two RADIATION BELTS, one GOOD and one BAD. Perhaps it would be more correct to call the BAD one LETHAL. Our tests show that all the Vitality values go down to just above half normal and the Carcinogenic readings go sky high.

The reverse is true for the GOOD belt and we might call it a BENEFICIENT BELT. All of the Vitality readings go higher than at any other time during the entire flight and the Carcenogenic values go down to almost nothing.

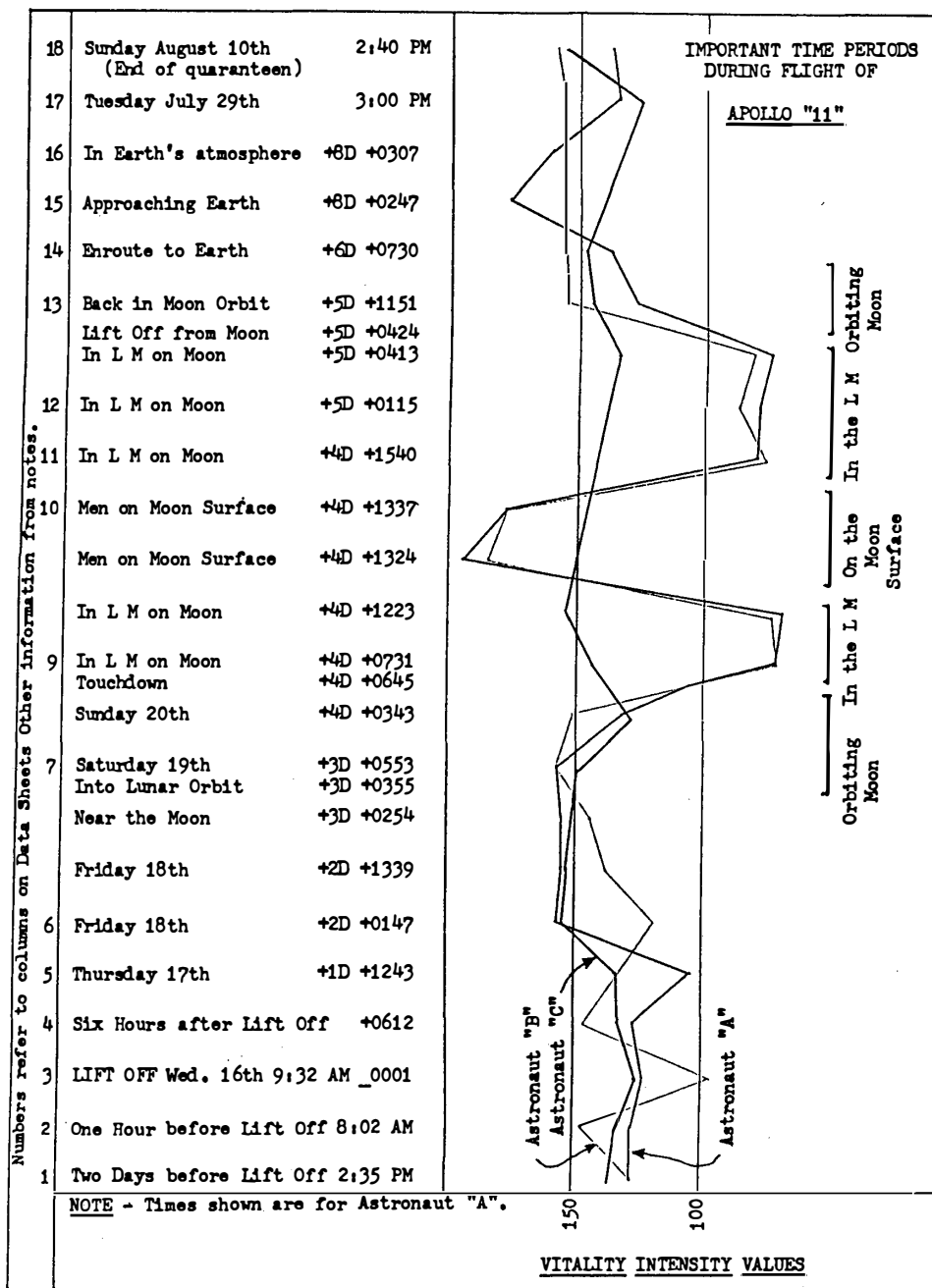
The above statements sound weird and no claims are made for them. They are however, based on the tests we made and the data recorded on the Data sheets. We do not know whether the condition found at the exact place on the Moon, where the Astronauts landed will also be found on some other place on the Moon surface. We are quite sure as to the condition 60 miles up from the surface because we could make many tests while the two flights were orbiting several times each, around the Moon.

In order for this information to be more easily understood, I have shown the data from the Apollo "11" Flight, graphically below. The Vitality readings for the three men are shown plotted for various times while they were in the Moon area. The curves for the two men who walked on the Moon are almost identical while the curve for the third man is almost flat across the graph.

Note that each of the men, who walked actually on the surface, are shown for more than one set of tests in each condition. All three men show similar values while orbiting at the 60 mile height. Both men show the same very low values while in the Lunar Lander but about 15 feet above the Moon surface. Two sets of tests were made on each man. Both show extremely high readings during the time they were walking on the Moon surface and again, there were two sets of tests made. When they again were up in the Lunar Lander about 15 feet above the surface, the readings were again very low and since they were in that location for many hours, we ran three sets of tests on each man. As they left the surface and went up to rendezvous with the Command Module, note that their readings again were similar to the readings of the third man who had been orbiting the Moon all this time.



Tracking the Astronauts



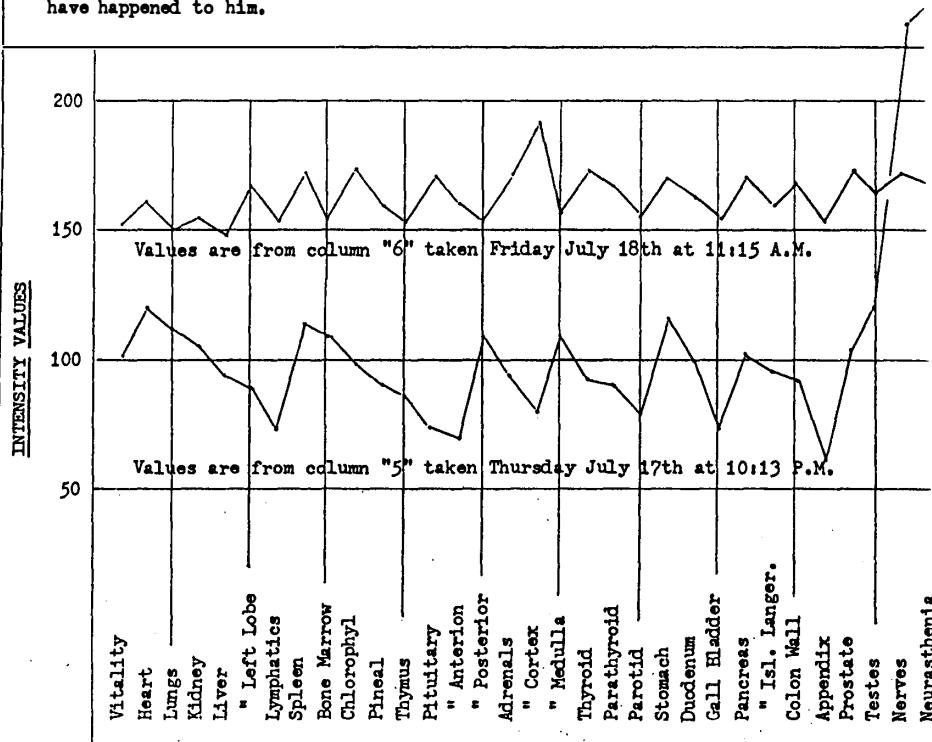
The Story of Eloptic Energy

CONDITION OF ASTRONAUT "A" AT BEGINNING OF APOLLO "11" FLIGHT

Information shown on the DATA SHEETS indicates that Astronaut "A" was not in as good physical condition at the start of the flight as were the other men. Compare the data in column "1" for each man. All three men showed the effects of High "G" stress (shown in column 3) but the other two men recovered sooner. Reference to data sheet column "5" will verify this.

Sometime late Wednesday July 16th he probably ate something that was not good for him or that he could not digest properly under the circumstances. The Pathology readings, shown at the lower end of each column on the data sheets indicate trouble. 10-81 went up from 75 to 280 and 10-65 went from 94 to 360. Both these rates are often found in milk or milk products. 18-36 is a poison spray often found on vegetables. We found 1500 points of 8.5-48, another poison used as a vegetable spray. 29-33 went from 89 to 390 and this can cause headaches. There were 900 points of 38-12 which can cause stiff neck. The rate 12.5-13.5 is often found in people who are allergic to tomatoes or tomato products. We found 1500 points of this rate and that alone could have caused much discomfort.

Something happened to Astronaut "A" between Thursday July 17th at 10:13 P.M. and Friday July 18th at 11:15 A.M. Compare columns 5 and 6. The data in these two columns has been plotted graphically and is shown below. It would be most interesting to know just what happened during this period of approximately 13 hours. He shows such a vast improvement in a very short period of time, so that something must have happened to him.



Tracking the Astronauts

CONDITION OF ASTRONAUT "B" OF APOLLO "8" BEFORE THE FLIGHT

Why were several of the Astronauts in such poor condition just before their flight? I would consider this question of paramount importance.

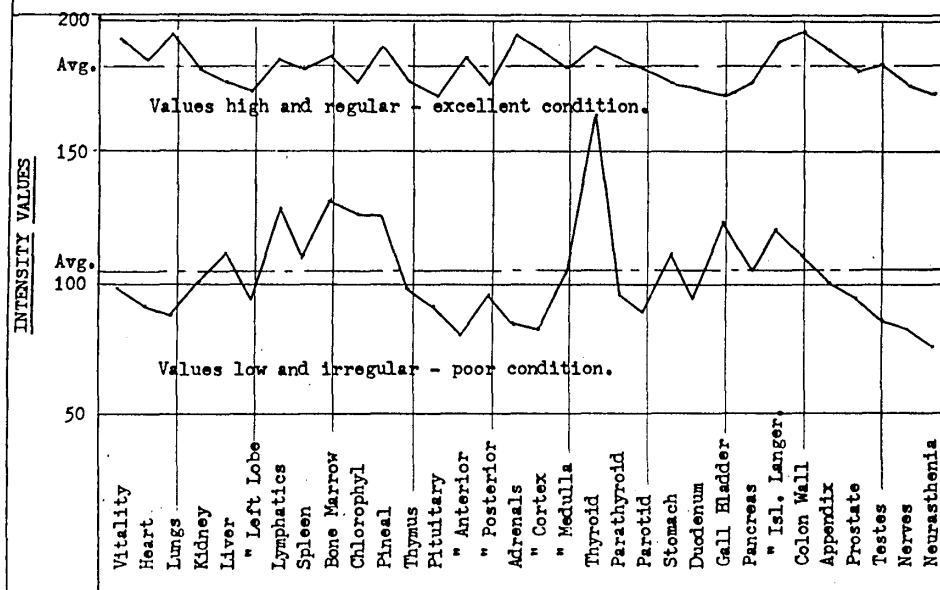
Take the case of Astronaut "B" of the APOLLO "8" flight as an example. Look at the graphs below. They are plotted from the data sheet for this man and show data from column "1" for two days before the flight and column "11" for four days after Lift Off, when he was enroute back to Earth from the Moon.

One would expect that he would be much the worse for wear after four days cooped up in the small capsule, after the stress of Lift Off, getting out of Earth's orbit, getting into Lunar orbit, getting out of that orbit and into position for returning to Earth, than he was two days before starting.

Yet the reverse seems to be true. The upper graph is almost flat, showing a very balanced condition and the values are all quite high, showing a very healthy condition, while he was on the way home to Earth.

Note the lower graph showing his condition two days before starting the trip. The values are almost all low and they are quite unbalanced. The average of all values for the upper graph is 182 and for the lower graph is 105. This is a difference of 77 which is of considerable importance.

I cannot make any reasonable judgement as to why. I can only point out what the tests show. I have no way of knowing what unusual conditions of exercise or physical training he went through or what shots he may have been given that might have impaired his health. Lets hope that some one who has the data will make a study of the situation and report on it.



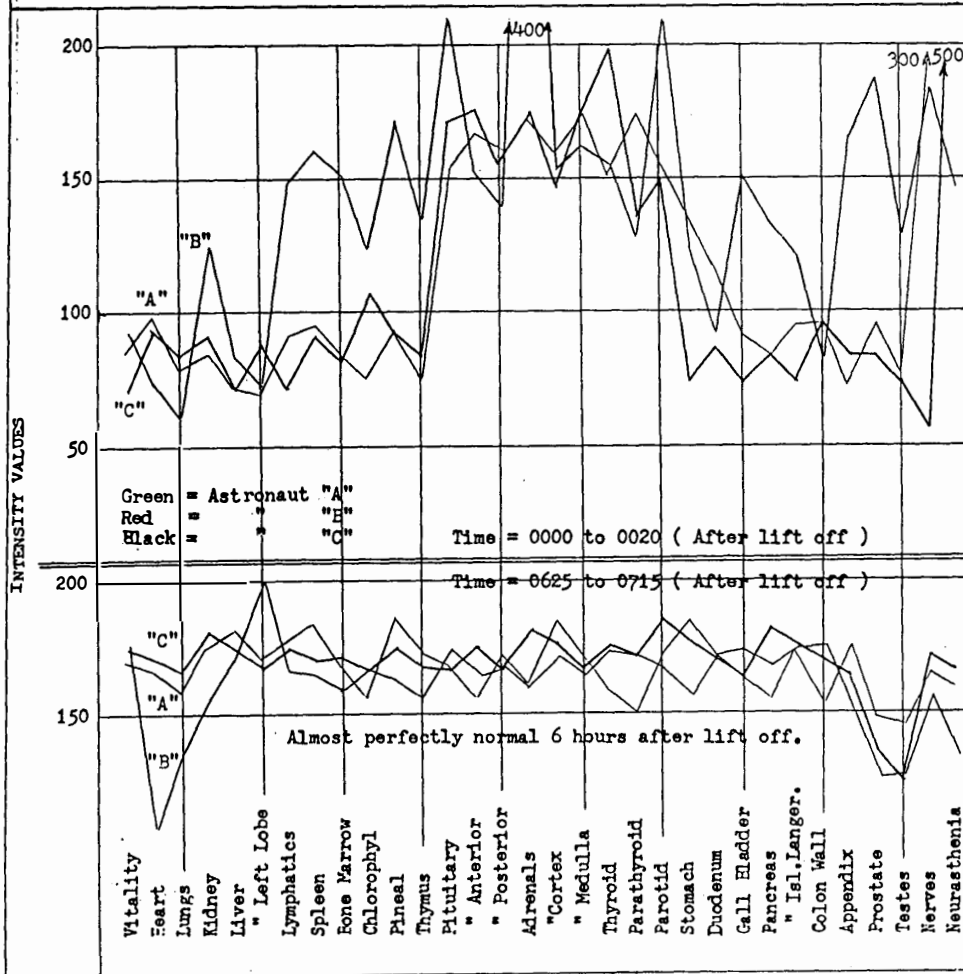
The Story of Eloptic Energy

Astronauts under HIGH "G" STRESS at Lift Off of APOLLO "8"

The upper graph shows the condition of the Astronauts immediately after Lift Off, of Apollo "8". The lower graph shows the same but for six hours after Lift Off.

Two of the men, "A" and "C" are very similar. "B" shows quite a different result. My first conclusion was that the two curves that were similar, represented the effect that should be expected during High "G" Stress of Lift Off. I do not now believe this conclusion is correct, after studying the curves under similar conditions during Apollo "11" Lift Off. This graph was in the APOLLO "8" report. I am including it in this report because it is important for comparison purposes.

Compare this with the graph showing "1" Hour before Lift Off vs High "G" Stress.



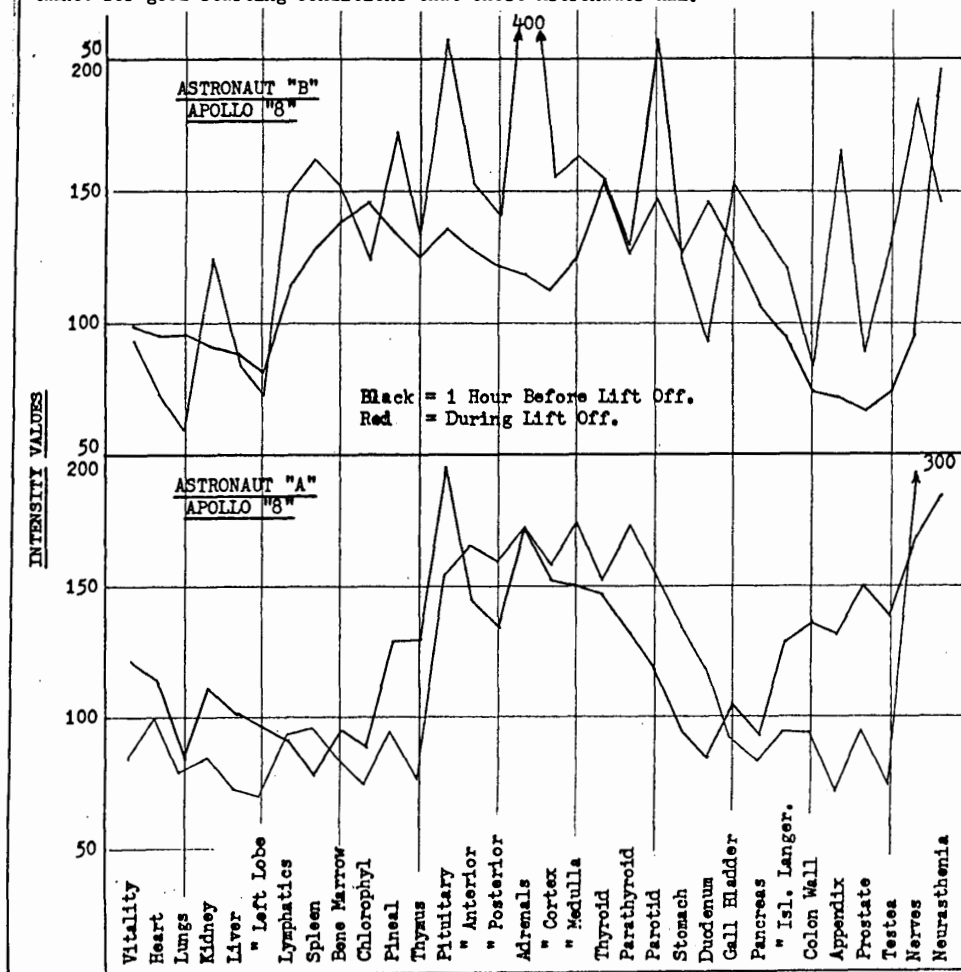
Tracking the Astronauts

EFFECT OF HIGH "G" STRESS AT APOLLO "8" LIFT OFF

The Black curve shows the condition of Astronauts "A" and "B" of Apollo "8" one hour before Lift Off. The Red curve shows their condition during Lift Off. I believe that the condition before Lift Off should have considerable effect upon the readings that were taken during the High "G" Stress period.

There is some reason why these men should be so unbalanced an hour before Lift Off. Perhaps a good Psychologist should analyze the Test Data for reasons. It could be the physical condition of the men. If it is, then they were subjected to something undesirable that impaired their ability to withstand the rigorous effects of Lift Off.

I hope this situation can be resolved so men in future flights will have a better chance for good starting conditions than these Astronauts had.

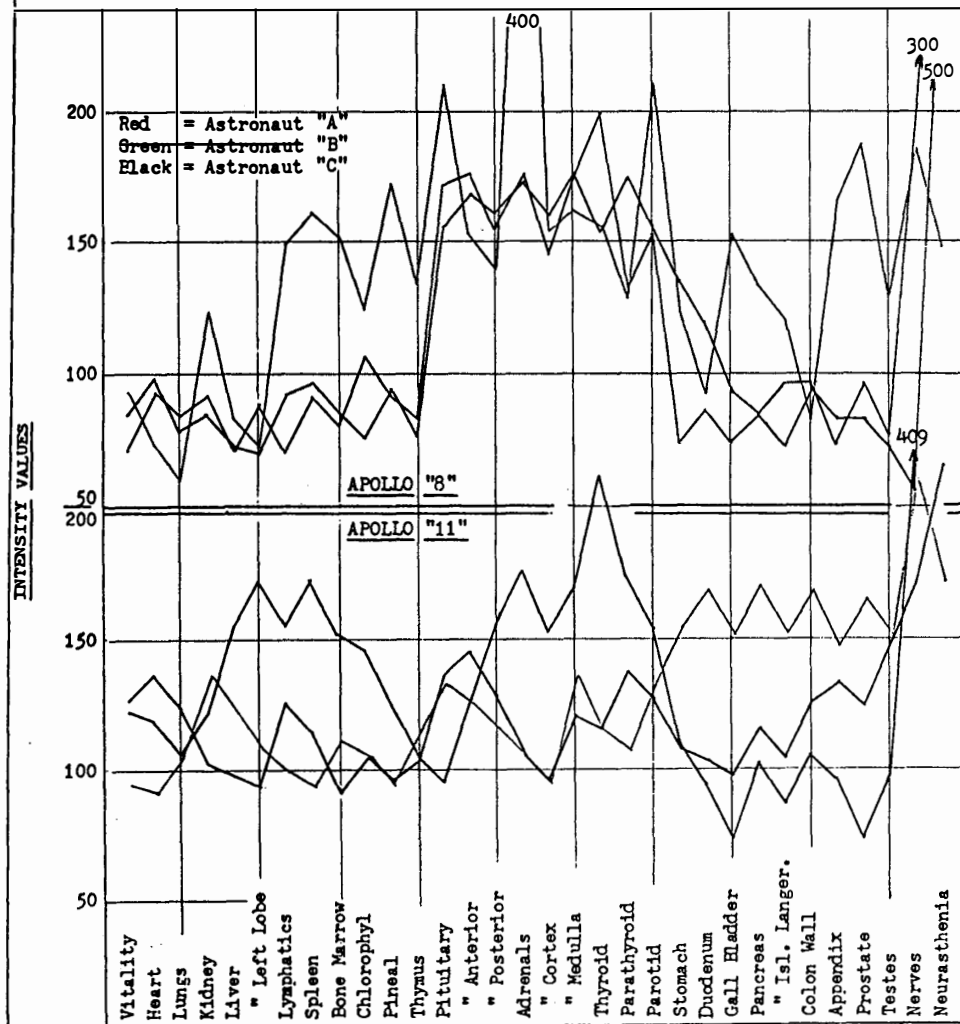


The Story of Eloptic Energy

Comparing APOLLO "8" and "11" - HIGH "G" STRESS at Lift Off.

Charted below are the effect of HIGH "G" STRESS on the men during Lift Off of the two flights, or so I once thought. Now, I am not so sure. I have accurately charted the data we measured. Its interpretation is something else. At first, I thought the two curves of Astronauts "A" and "C" of APOLLO "8" were what should be expected until I had added the curves of APOLLO "11" flight. Then I looked for other information and found that the condition of each man just before the flight might have a very important effect on the values taken during Lift Off.

This sheet shows only the curves of data taken the first 25 minutes of flight. Another sheet shows how conditions an hour before might effect those at Lift Off.



Tracking the Astronauts

ELOPTIC ENERGY

There is an energy radiating from, or a force field surrounding each isotope of each element of material matter in the universe.

When two or more elements are joined together into a molecule, of matter, that molecule radiates an energy that is peculiar to that molecular combination.

When several molecules of matter are joined together into a complex compound, the compound radiates an energy that is peculiar to that compound.

Instruments have been invented and patented that can "tune in" to the radiations above referred to. By careful and skilled use of such instruments, it is possible to analyze almost anything in the material world and to discover the constituent components.

A most important feature of the analyzer is the quantity measuring device that can give an indication of the intensity of the energy radiating from the material being analyzed.

The energy has been named "ELOPTIC", derived from the words Electricity and OPTICS, because it obeys some, but not all, of the laws of electricity and the laws of optics.

The energy can be refracted through a prism and conducted along light rays. It can be conducted along copper wires, insulated by certain types of materials, conducted through electronic condensers or capacitors, and manipulated in ways similar to that of "conventional electricity".

The energy from a person can be conducted along light rays and implanted on a light sensitive film, and again onto a print made from that film. The print can be moved to any distance away from the person, and it will act as a perfect reproduction of the person, changing from moment to moment as the person changes. It was this principle that we used in order to follow the Astronauts out into space, and test them as they changed due to High "G" stress and to other influences they were subjected to during the flight.

From this short explanation, it should be quite obvious to the reader, that ELOPTIC ENERGY is in no way related to Alpha or Beta particles or to Gamma Rays. ELOPTIC ENERGY does NOT fit into any part of the Electro-Magnetic-Spectrum. ELOPTIC ENERGY operates in a different MEDIA.

It is not the intent of this paper to go into the many additional items of interest pertaining to the behavior of ELOPTIC ENERGY, explanations as to how or why certain phenomenon occur, or attempts to justify the statements that have been made. The purpose of this paper is to describe some of the many test results obtained, furnish quantitative values and other information that should be of interest to those working in the space program and to others who may be interested in the behavior of a most interesting form of energy.

We have been researching the phenomenon of ELOPTIC ENERGY actively for over thirty five years. Until the printing of the Apollo "8" report, we have done little to bring this subject to the attention of the general public. No formal papers have been written for public distribution. The methods and apparatus we used in this project have been patented in three countries.

A facsimile of patents from three countries is shown on page 22.

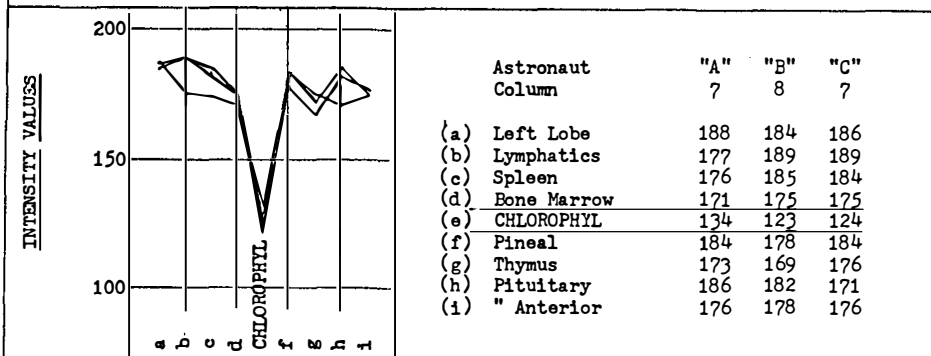
The Story of Eloptic Energy

ANALYZING THE TEST DATA

So much information is contained in the Test Data Sheets that it is hard to know what should be mentioned in this short analysis. Some people can look at a column of figures and get lots of information from so doing. Others cannot. For this and other reasons, I have made graphs of some of the most interesting information. In analyzing the data for the men of Apollo "8", I noticed something that might be correlated with the information sent back via telemetry (radio). I have little information as to just what is sent back in this manner but I have heard that the amount of Hemoglobin in the blood is one such item. It is important for the medical men at Houston to know whether there is enough oxygen and not too much carbon dioxide. Perhaps the following graph can be coordinated with their telemetry data.

Refer to the data sheets of Apollo "8" for Monday Dec. 23, 1968 for the three men, column "7" for Astronaut "A"; column "8" for "B"; column "7" for "C". I have shown this as copied from the data sheets and by graph below. In order to make it stand out, I show four other readings before that for Chlorophyll and four after. This shows how difficult it is to isolate important information from columns of figures especially as the columns are on different sheets (one for each man).

NOTE that the CHLOROPHYL readings are quite low for all three men. It has been said that "Chlorophyll is what makes grass GREEN and blood RED". If this is correct, then it is quite significant when the Chlorophyll readings for all three men are lower than normal. I hope that this will be correlated with information received via telemetry. The time within a few minutes is shown at the top of each column.



ADDITIONAL INFORMATION

We are quite willing and ready to furnish as much additional information as it is within our ability to furnish, to any one in authority in the Space Program. We are engaged in research in the field of Eloptic Energy and allied subjects. We expect to produce papers from time to time on various aspects of our work so we do not plan to engage in lengthy correspondence with curiosity seekers. Any one may get on our mailing list for information that may be made available in the future. Write to the secretary of our non-profit corporation:

ADVANCED SCIENCES RESEARCH and DEVELOPMENT CORP. Inc.
8405 N. W. 59th Place, Ft. Lauderdale, Florida 33313

Tracking the Astronauts

ELOPTIC ENERGY TRAVELS ON LIGHT RAYS IN SPACE

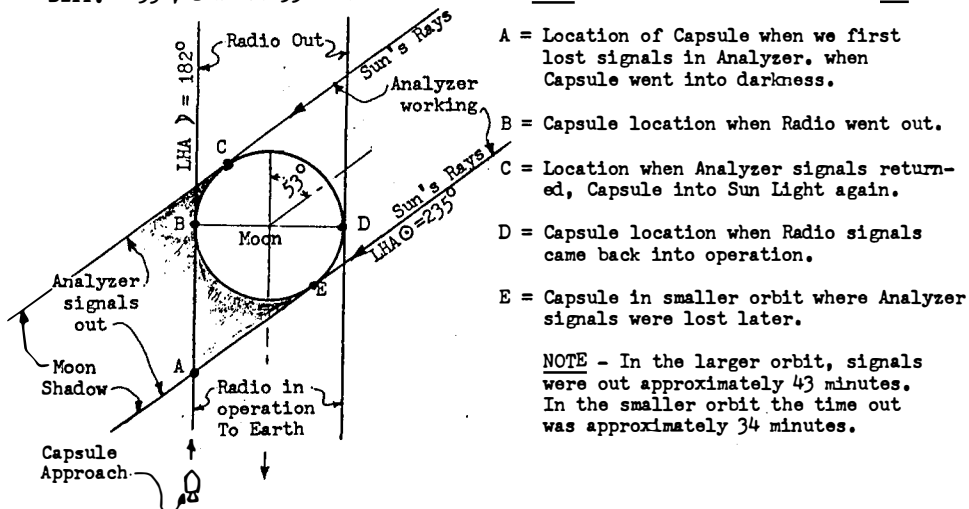
We have known for a long time that Eloptic Energy can be refracted by a prism and that the Energy obeys some but not all of the laws of Optics. When working on the surface of the Earth, we have had no difficulty in transmitting Eloptic signals to any distance desired on this Planet Earth. Night time made no difference, either at the transmitting or receiving end.

As the Astronauts of Apollo "8" went further and further away from the Earth, we became accustomed to the signals being strong without any diminishing of signal strength. One of our most agreeable surprises during the Apollo "8" Flight was the fact, that we could continue to receive their signals as the men went further away from us. Our next surprise came when the signals cut off almost as if a switch had been thrown, as the capsule neared the Moon. I at once tested out the analyzer to try to find why. When the instrument proved to be working properly, I considered just what to do next. We continued to make tests and all at once, the signals resumed as strong as originally. At that time, radio communication was interrupted by the Capsule being out of "Line of Sight" with the Earth. Then the vitality of the Astronaut we were working on at that time, dropped suddenly. We noted the exact time and later found it was due to the higher "G" stress following firing the Retro - Engine for slowing down so they could go into Lunar orbit. Thus, we knew that the engine had fired even though they were not in radio contact with Earth.

I dug out my Nautical Almanac, made a time diagram of the Sun and Moon positions at the exact time of losing Eloptic Signals and found that it was just as the Capsule went into Moon shadow or darkness. Thus did we prove that Eloptic Signals travel on Light Rays out in Space. The first outage period was approximately 43 minutes. This time out dropped to 33 or 34 minutes for the time our signals were interrupted.

For any students of Celestial Navigation who wish to check this, I have shown on a diagram, the relationship of Sunlight to the time of signal interruption. This also shows when Radio signals were interrupted.

CONDITIONS AT THE TIME SIGNALS FIRST STOPPED. Dec. 24, 1968 @ 4:13 AM EDT (+2D + 2113 TIF), $Lo = 80^\circ$, $ZD = +5$, $GMT = 0913$, $LHA \text{ of Sun} = 235^\circ$, $LHA \text{ of Moon} = 182^\circ$, $Diff. = 53^\circ$; Sun was 53° west of the Moon. NOTE Earth North Pole is shown UP.



Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
July Day and Date 1968	Th-19	S-21	S-21	S-21	S-21	Sn-22	M-23	T-24	T-24	T-24	T-24	W-25	M-30	
Eastern Daylight Time	11:00AM	6:38AM	8:06AM	9:57AM	2:49PM	12:51PM	1:52PM	4:55AM	5:06AM	5:22PM	7:15PM	12:33PM	Noon	

Time Into Flight						+1D	+2D	+2D	+2D	+2D	+3D	+4D		
Time of tests) (Start	11:00	6:38	0015	0206	0658	0500	0601	2104	2115		1123	0442	12:05PM	
in each column) (Finish	11:12	6:53	0022	0214	0705	0512	0613			2131	1135	0451	12:15PM	

9-49 Gen'l Vitality	119	122	84	124	170	171	184	198	16	188	184	194	181	
2-76 Heart	129	116	98	72	166	168	182			201	177	187	204	
92-83 Lungs	124	86	79	86	159	157	191				173	192	197	
3-82 Kidney	148	111	84	79	165	178	182				171	182	189	
17-29 Liver	129	101	72	91	171	172	177				168	173	172	
45-29 Liver Lft. Lobe	117	98	70	85	160	170	188				183	170	159	
44-41 Lymphatics	99	91	92	201	166	187	177				196	192	173	
4-95 Spleen	108	79	96	175	173	171	176				187	187	182	
35-92 Bone Marrow	116	96	83	166	167	163	171				173	182	171	
23-25 Chlorophyl	106	89	75	146	156	152	134	152	12	172	156	173	157	
16-28 Pineal	122	129	93	75	188	188	184				187	188	181	
59-77 Thymus	134	130	76	63	172	182	173		N		172	179	169	
6-87 Pituitary	125	196	154	71	169	172	186		O		187	172	204	
74-65 Pituitary Ant.	114	146	167	60	156	169	176				182	194	187	
56-23 Pituitary Post.	122	136	160	77	172	164	182		S		184	187	181	
3-9 Adrenals	106	172	172	91	159	151	192		I		193	184	172	
33-39 Adrenals Cortex	115	152	159	96	186	183	187		G		187	203	169	
28-23 Adrenals Medulla	138	150	176	89	172	173	179		N		203	196	157	
6-81 Thyroid	132	148	152	164	159	179	173		A		189	187	194	
86-4 Parathyroid	137	132	174	176	158	169	182		L		171	182	186	
39-24 Parotid	146	119	156	137	171	170	173		S		186	173	178	
77-84 Stomach	128	96	134	126	184	179	186				192	170	172	
16-25 Duodenum	140	85	119	92	171	172	172				174	187	192	
13-64 Gall Bladder	137	105	92	80	164	168	186				171	178	183	
9-70 Pancreas	125	92	84	98	156	164	177				178	172	169	
36-35 Pancreas Is. Lang.	113	129	95	85	174	152	170				168	198	187	
8-72 Colon Wall	151	137	96	74	152	156	183				186	186	184	
3-8 Appendix	167	132	72	98	178	109	153				173	179	174	
5-91 Prostate	136	150	96	91	149	106	166				165	192	168	
37-94 Testes	114	139	77	96	146	121	156				182	185	184	
5-62 Nerves	103	169	196	94	165	103	203				159	197	196	

Astronaut: A-8

The Story of Elopotic Energy

3-23 Neurasthenia	91	185	300	500	160	106	176				400	171	186	
10-81	400	210			132	69	75	400		500	54	84	196	
10-65	800	310			151	73	153	182		400	166	76	180	
30.5-29	300	400			121	87	44	400		300	400	182	79	
47-90	700	800			600	500	73	171		72	42	209	97	
4-9	154	500			300	86	173	61		600	500	205	70	
18-36											60	300	400	
7.5-9	700	134			73	89	66	800	7	400	300	72	71	
30.5-95	300	400			118	108	41	500		300	500	172	86	
68-41	24	152			79	78	72	72		89	95	220	92	
38-21	200	132			58	70	57	61		64	57	72	89	
10-32	72	300			82	400	191	700	12	300	310	252	300	
5-78											300	201	79	
9-49	119	122	84	124	170	171	184	198	16	188	184	194	181	
Average	126	124	114	104	165	161	177				178	184	179	
Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Astronaut: A-8

Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
July Day and Date 1968	Th-19	S-21	S-21	S-21	S-21	Sn-22	Sn-22	M-23	T-24	T-24	W-25	W-25	Th-26	F-27	F-27	M-30
Eastern Daylight Time	11:13AM	6:54AM	7:51AM	4:49AM	2:16PM	11:53AM	4:26PM		4:00AM	3:40PM	11:30AM	10:47PM	10:20PM	10:32AM	10:55AM	9:57AM

Time Into Flight						+1D	+1D	+2D	+2D	+3D	+4D	+4D	+5D	+6D	+6D	
Time of tests) (Start	11:13	6:54	00000	0158	0625	0402	0835	0510	2049	0754	0341	1456	1421	0241	0304	9:57AM
in each column) (Finish	1125	7:07	0006	0204	0638	0416	0845	0522	21:04	0806	0352	1538	1443	0254	0310	10:03AM

9-49 Gen'l Vitality	99	99	93	118	177	149	186	174	191	197	193	196	198	178	178	182
2-76 Heart	93	96	73	93	108	163	178	182	194	189	186	187	204	174	172	176
92-83 Lungs	89	97	60	89	138	154	187	179	187	177	196	192	212	173	201	179
3-82 Kidney	101	92	124	123	156	136	183	168	184	173	181	182	204	169	188	176
17-29 Liver	112	89	84	148	172	125	174	164	174	198	177	187	188	182	180	173
45-29 Liver Lft. Lobe	96	81	73	137	199	151	186	184	193	209	172	197	182	192	163	170
44-41 Lymphatics	129	114	149	124	168	178	189	185	192	186	192	174	196	191	203	
4-95 Spleen	112	129	161	148	164	164	172	185	177	186	182	186	181	182	180	188
35-92 Bone Marrow	132	139	152	93	159	159	186	175	196	176	187	193	177	176	174	206
23-25 Chlorophyl	128	147	124	69	168	174	178	123	152	160	176	208	213	164	186	211
16-28 Pineal	127	134	172	97	162	178	185	178	193	192	191	203	194	182	181	187
59-77 Thymus	99	124	134	88	156	168	180	169	198	178	178	201	173	174	198	210
6-87 Pituitary	92	135	210	74	173	153	174	182	203	172	171	196	207	160	178	177
74-65 Pituitary Ant.	81	128	152	76	164	172	188	178	196	181	188	191	187	168	189	173
56-23 Pituitary Post.	97	121	140	92	168	160	173	173	202	174	177	202	176	165	181	171
3-9 Adrenals	88	119	400	72	159	186	184	148	208	166	194	218	191	222	201	189
33-39 Adrenals Cortex	84	112	153	93	171	176	184	169	196	152	189	202	178	228	198	182
28-23 Adrenals Medulla	106	129	162	71	164	160	170	163	198	177	182	194	192	207	196	211
6-81 Thyroid	164	152	156	106	173	119	171	187	193	196	190	189	194	222	201	186
86-4 Parathyroid	98	128	129	96	171	161	182	172	197	161	186	202	187	216	196	181
39-24 Parotid	90	146	210	75	167	118	175	178	201	186	181	204	194	232	214	175
77-84 Stomach	11	128	124	98	157	102	192	168	194	184	177	213	169	66	202	171
16-25 Duodenum	96	147	92	91	171	92	174	152	177	174	175	191	160	60	179	169
13-64 Gall Bladder	123	129	152	154	173	139	187	174	172	166	172	186	178	207	171	178
9-70 Pancreas	106	105	134	158	168	128	181	165	166	187	178	188	169	218	164	173
36-35 Pancreas Is. Lang.	121	93	121	173	175	166	152	175	193	169	192	197	84	37	204	169
8-72 Colon Wall	111	74	84	172	176	132	176	183	196	193	197	171	186	210	169	196
3-8 Appendix	101	72	168	153	151	122	124	136	169	142	168	156	176	174	174	164
5-91 Prostate	96	67	89	98	124	145	118	148	174	173	181	171	172	71	88	204
37-94 Testes	88	73	129	91	125	155	126	152	185	166	183	164	166	75	84	207
5-62 Nerves	83	95	185	71	168	172	173	186	172	186	176	184	192	350	73	186

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3-23 Neurasthenia	76	195	148	300	133	223	150	163	500	300	172	178	73	202	183	300
10-81	117	93			95	69	73	63	600	97	92	170	189	200		187
10-65	226	91			154	151	105	122	42	269	71	173	70	88		158
30.25-29	129	73			89	97	93	64	600	373	92	154	169	400		128
47-90	700	900			1400	708	300	400	64	107	300	44	400	170		103
4-9	42	500			900	400	106	64	76	76	500	18	202	73		192
7.5-9	84	93			72	84	75	71	800	368	91	154	181	72		127
68-41	132	93			72	79	83	80	700	83	300	32	250	73		85
38-21	500	60			91	61	72	53	48	62	92	21	75	80		74
10-32	9	51			85	400	173	400	600	300	400	64	192	400		204
30.5-95		98			89	109	92	70	500	600	97	170	156	300		45
9-49	99	99	93	118	177	149	186	174	191	197	193	196	198	178	178	182
Average	105	113	143	107	161	151	173	169	187	177	182	191	182	175	176	184
Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

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Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
July Day and Date 1968	Th-19	S-21	S-21	S-21	S-21	Sn-22	M-23	T-24		T-24	W-25	M-30		
Eastern Daylight Time	11:26AM	7:07AM	8:06AM	10:05AM	2:29PM	12:31PM	1:23PM	5:18AM		6:59PM	12:14PM	11:32AM		

Time Into Flight						+1D	+2D	+2D		+3D	+4D			
Time of tests) (Start	11:26	7:07	0007	0214	0638	0440	0532			1108	0423	11:32		
in each column) (Finish	11:35	7:15	0012	0220	0651	0459	0544	2127		1123	0435	11:49		

9-49 Gen'l Vitality	129	129	72	134	176	176	189	186	16	196	192	186		
2-76 Heart	154	147	93	122	171	159	186			193	187	180		
92-83 Lungs	147	135	85	96	166	176	177			188	203	177		
3-82 Kidney	140	125	92	88	181	158	176			194	191	174		
17-29 Liver	120	153	72	76	176	182	173			186	185	193		
45-29 Liver Lft. Lobe	97	129	89	92	169	163	186		N	199	190	202		
44-41 Lymphatics	94	123	71	81	176	171	189		O	190	198	214		
4-95 Spleen	89	152	92	111	170	163	184			199	192	217		
35-92 Bone Marrow	78	141	81	98	171	164	175		S	39	185	211		
23-25 Chlorophyl	117	171	106	119	167	151	124	154	I	42	185	218		
16-28 Pineal	137	152	92	132	175	171	184		G	52	196	206		
59-77 Thymus	152	148	84	104	168	164	176		N	75	179	217		
6-87 Pituitary	106	156	172	87	167	164	171		A	186	184	189		
74-65 Pituitary Ant.	124	145	177	78	175	152	176		L	197	198	184		
56-23 Pituitary Post.	113	152	156	75	168	177	173		S	184	193	177		
3-9 Adrenals	105	136	176	92	182	172	182			197	190	172		
33-39 Adrenals Cortex	102	127	147	98	178	164	175			184	207	186		
28-23 Adrenals Medulla	97	145	174	86	167	182	168			197	208	181		
6-81 Thyroid	93	146	198	166	177	176	169			185	202	176		
86-4 Parathyroid	91	156	132	173	173	164	175			152	206	174		
39-24 Parotid	88	147	152	160	187	184	170			184	194	189		
77-84 Stomach	116	164	73	147	178	124	192			166	185	177		
16-25 Duodenum	108	142	88	173	169	102	194			152	176	173		
13-64 Gall Bladder	98	152	73	125	164	109	186			122	172	187		
9-70 Pancreas	93	155	85	137	182	92	182			124	171	182		
36-35 Pancreas Is. Lang.	107	144	73	124	178	137	173			186	201	178		
8-72 Colon Wall	95	128	95	97	172	104	193			184	193	198		
3-8 Appendix	90	121	84	92	164	127	183			150	153	183		
5-91 Prostate	119	93	84	111	136	102	159			167	176	202		
37-94 Testes	105	89	73	102	123	132	177			152	171	210		
5-62 Nerves	93	121	58	91	171	108	176			202	169	206		

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3-23 Neurasthenia	206	405	500	300	165	126	70			325	178	164		
10-81	96	198			176	71	86	500		132	90	216		
10-65	79	700			152	107	127	196		169	170	191		
30.5-29	64	87			137	66	90	189		700	62	72		
47-90	27	165			900	900	300	73		75	152	91		
4-9	141	172			1050	500	132	86		600	300	209		
18-36										54	300	196		
7.5-9	11	89			85	72	68	400	8	900	26	76		
68-41	600	51			139	200	67	59		41	178	85		
38-21	70	178			122	66	92	86		63	256	98		
10-32	400	141			76	600	400	500		300	216	89		
30.5-95	29	94			151	95	92	203		800	73	98		
5-78										200	72	209		
9-49	129	129	72	134	176	176	189	18		196	192	186		
Average	105	139	107	111	170	149	176			160	204	191		
Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14

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Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
July Day and Date 1969	M-14	W-16	W-16	W-16	T-17	F-18	S-19	Sn-20	Sn-20	Sn-20	M-21	M-21	M-21	Tu-22	Th-24	Th-24	T-29	S-10
Eastern Daylight Time	2:35PM	8:02AM	9:32AM	3:44PM	10:13PM	11:15AM	3:20PM	3:55PM	5:02PM	11:08PM	1:10AM	10:45AM	1:55PM	5:00PM	12:18PM	12:35PM	3:00PM	2:40PM

Time Into Flight					+1D	+2D	+3D	+4D	+4D	+4D	+4D	+4D	+5D	+5D	+6D	+8D	+8D		
Time of tests) (Start	2:35	8:02	0001	0612	1243	0147	0553	0624	0731	1337	1540	0115	0423	0730	0247	0307	3:00PM	2:40PM	
in each column) (Finish	2:46	8:14	0010	0624	1255	0158	0604	0634	0743	1349	1544	0127	0431	0742	0254	0317	3:15PM	2:55PM	

9-49 Gen'l Vitality	128	127	122	127	104	155	156	123	90	178	79	79	102	138	178	160	134	137
2-76 Heart	112	114	119	97	121	163	170	112	85	171		92	123	146	172	161	121	156
92-83 Lungs	137	129	106	106	113	151	167	98	76	159		79	135	152	189	171	142	152
3-82 Kidney	120	122	122	94	106	156	176	93	80	177		74	155	154	179	152	144	166
17-29 Liver	150	149	154	97	95	149	173	90	72	171		94	175	153	174	173	151	159
45-29 Liver Lft. Lobe	134	136	171	134	41	169	160	80	76	171		85	178	143	188	160	156	153
44-41 Lymphatics	121	160	155	145	76	154	178	89	91	161		97	171	155	176	153	152	152
4-95 Spleen	117	121	172	152	117	174	165	90	92	182		94	160	159	171	172	149	164
35-92 Bone Marrow	152	136	152	137	112	154	156	97	80	179		89	155	149	165	165	139	153
23-25 Chlorophyl	204	149	145	134	101	178	176	92	91	174		98	176	140	178	155	142	156
16-28 Pineal	146	135	124	139	43	161	172	90	82	162		94	169	152	171	173	155	171
59-77 Thymus	106	126	105	149	89	155	164	86	73	154		88	160	167	164	159	149	156
6-87 Pituitary	94	132	96	149	76	173	156	79	87	174		93	178	155	181	173	142	176
74-65 Pituitary Ant.	86	126	128	159	72	162	179	72	92	161		89	173	152	175	155	153	160
56-23 Pituitary Post.	94	147	155	149	111	153	173	69	81	153		89	155	143	170	172	152	153
3-9 Adrenals	91	170	176	102	95	173	168	70	96	178		74	178	160	162	165	150	152
33-39 Adrenals Cortex	157	150	152	93	81	193	176	70	87	172		91	170	168	177	173	163	193
28-23 Adrenals Medulla	105	143	169	91	111	157	168	60	78	169		95	164	158	178	163	153	169
6-81 Thyroid	97	132	211	88	94	174	178	69	92	178		86	157	170	176	152	157	162
86-4 Parathyroid	84	144	172	105	91	169	161	64	79	173		96	176	156	173	170	140	156
39-24 Parotid	122	157	153	93	81	157	160	72	93	179		89	170	172	167	154	159	178
77-84 Stomach	144	149	108	89	119	171	176	61	102	171		96	159	164	178	138	172	169
16-25 Duodenum	153	121	94	107	102	164	173	63	79	164		89	177	155	174	152	152	160
13-64 Gall Bladder	107	103	72	95	74	155	176	67	92	176		96	171	170	179	157	171	153
9-70 Pancreas	93	152	102	108	103	172	176	72	70	171		76	177	169	174	169	166	173
36-35 Pancreas ls. Lang.	149	149	88	122	99	160	171	63	81	156		79	166	158	177	152	159	153
8-72 Colon Wall	132	123	153	109	94	170	179	62	68	156		91	178	168	174	174	152	176
3-8 Appendix	92	101	96	99	63	155	171	43	84	172		89	151	157	164	161	156	169
5-91 Prostate	119	127	72	102	106	176	176	168	126	164	176	76	179	174	178	175	172	174
37-94 Testes	144	145	96	96	123	168	167	178	118	172	184	89	169	168	173	167	166	161
5-62 Nerves	148	178	219	93	230	173	180	39	92	157		92	159	156	179	159	159	174

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The Story of Eloptic Energy

3-23 Neurasthenia	209	198	409	88	240	160	169	27	76	47		74	310	157	173	163	174	324
10-81	73	174	85	75	280	72	115	23	90	79		64	72	59		72	94	79
30-50	332	65	73	104	114	106	77	510	483	38	314	206	77	76		222	148	72
10-65	89	114	90	94	360	90	96	73	73	72		99	89	69		62	300	122
30.5-29	328	84	71	307	61	73	73	264	318	40	200	293	76	77		124	174	72
29-33	72	71	89	325	390	107	96	74	87	69		77	100	72		91	73	83
47-90	16	63	79	85	73	73	72	82	76	11		400	91	72		93	115	63
4-9	254	91	408	237	360	218	135	42	223	7		76	76	90		76	92	93
18-36	89	74	73	90	225	74	92	70	86	26	300	293	73	172		100	73	73
7.5-9	227	101	93	73	111	99	73	700	415	11		112	176	90		91	91	97
30-53	404	117	214	223	91	73	96	500	320	10	308	91	210	160		76	278	90
58-53	90	104	332	93	83	111	89	82	218	43		85	96	173		98	243	97
81-53	121	94	511	97	94	101	79	91	214	13		96	107	160		91	224	86
10-32					900	94	98	75	87	6		92	91	70		86	90	78
12.5-13.5					1500	173	86	47	76	31		77	73	58		76	23	122
38-21					900	95	13	70	74	9		91	46	72		310	43	80
8.5-48					1500	85	176	120	92	45		97	111	73		97	14	103
95-85												1300	119	400	420	415	76	412
9-49	128	127	122	127	104	155	156	123	70	178	79	79	102	138	178	160	134	137
Average	123	137	134	113	101	164	170	81	82	167		85	165	158	174	162	153	161
Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

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Astronaut: A-11

Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
July Day and Date 1969	M-14	W-16	W-16	W-16	F-18	S-19	Sn-20	Sn-20	Sn-20	M-21	M-21	T-22	T-29	Sn-10
Eastern Daylight Time	2:47PM	8:15AM	9:42AM	3:56PM	12:05PM	7:45PM	4:07PM	11:53PM	12:35PM	1:00AM	11:08AM	8:11PM	3:10PM	2:55PM

Time Into Flight	—	—	—	—	+2D	+3D	+4D	+4D	+4D	+4D	+5D	+6D	—	—
Time of tests) (Start	2:47PM	8:15AM	0011	0625	0236	1014	0636	1407	1523	1528	0138	1040	3:10PM	2:55PM
in each column) (Finish	2:56PM	8:26AM	0018	0634	0246	1022	0644	1422	1525	1530	0148	1049	3:23PM	3:03PM

9-49 Gen'l Vitality	127	146	96	144	118	155	39	183	177	76	85	153	153	156
2-76 Heart	145	155	93	128	136	171	31	178			79	159	171	153
92-83 Lungs	156	145	107	152	152	154	24	177			79	152	174	158
3-82 Kidney	132	157	138	153	138	174	19	173			76	161	173	171
17-29 Liver	125	159	122	162	151	157	16	165			93	153	171	159
45-29 Liver Lft. Lobe	145	151	109	153	172	179	14	174			98	176	176	176
44-41 Lymphatics	136	155	100	192	155	171	14	173			84	162	169	162
4-95 Spleen	129	169	94	160	171	159	39	169			93	173	172	175
35-92 Bone Marrow	124	151	111	152	156	153	57	159			76	164	156	162
23-25 Chlorophyl	119	169	106	193	174	176	172	178			92	153	176	155
16-28 Pineal	107	153	95	159	162	157	44	171			96	175	169	179
59-77 Thymus	133	166	114	152	153	176	26	160			81	168	158	169
6-87 Pituitary	151	171	132	150	172	171	14	174			93	153	173	168
74-65 Pituitary Ant.	156	160	125	163	155	165	14	168			83	178	172	159
56-23 Pituitary Post.	152	152	116	151	178	153	10	176			96	174	174	169
3-9 Adrenals	145	182	174	141	171	178	9	167			93	166	166	160
33-39 Adrenals Cortex	130	173	96	191	160	172	4	160			81	178	160	153
28-23 Adrenals Medulla	146	159	136	159	153	178	26	174			98	171	179	173
6-81 Thyroid	136	152	115	159	174	171	16	191			93	171	169	179
86-4 Parathyroid	128	147	108	169	160	165	13	176			80	168	165	172
39-24 Parotid	143	160	131	153	174	174	9	169			102	159	159	161
77-84 Stomach	133	151	153	169	169	169	28	159			91	154	155	156
16-25 Duodenum	124	171	168	149	160	160	22	153			76	176	177	179
13-64 Gall Bladder	116	156	152	193	173	178	17	179			97	173	171	171
9-70 Pancreas	145	175	169	159	177	172	12	169			92	164	181	165
36-35 Pancreas Is. Lang.	111	165	152	197	165	160	20	160			98	156	172	164
8-72 Colon Wall	102	152	168	197	172	174	15	157			74	173	160	178
3-8 Appendix	92	169	148	168	164	166	14	171			97	165	173	170
5-91 Prostate	124	151	164	151	163	175	198	156	173	193	92	171	181	161
37-94 Testes	148	144	151	147	176	178	176	173	167	196	107	178	173	153
5-62 Nerves	111	198	211	192	170	172	9	161			92	171	176	174

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3-23 Neurasthenia	96	175	171	188	202	74	3	36			76	69	170	74
10-81	73	142	236	57	173	111	65	83			99	80	74	97
30-50	72	89	90	72	159	92	600	67	28	410	200	91	72	74
10-65	109	73	73	84	310	79	92	73			76	65	96	97
30.5-29	68	85	91	73	76	111	400	81	14	320	310	106	79	84
29-33	16	92	122	91	70	93	73	73			92	95	62	106
47-90	9	74	98	72	94	84	88	75			510	73	91	91
4-9	9	84	93	92	75	74	223	98	9	400	74	124	72	73
18-36	89	89	72	72	90	93	96	79			98	93	92	92
7.5-9	93	64	102	44	73	85	90	99	13	230	190	76	68	76
12.5-13.5					68	96	85	85			93	143	93	114
38-21								95			79	72	73	91
8.5-48								91			95	116	86	79
95-85											1200	346	167	310
9-49	127	146	96	144	118	155	39	183	177	76	85	153	153	156
Average	131	161	132	163	163	168	36	169			87	166	170	166
Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Tracking the Astronauts

Astronaut: B-11

Column No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
July Day and Date 1969	M-14	W-16	W-16	W-16	F-18	S-19	Sn-20	Tu-22	Tu-29	Sn-10				
Eastern Daylight Time	2:57PM	8:27AM	9:49AM	4:06PM	1:55PM	7:34PM	4:33PM	4:17PM	3:55PM	3:04PM				

Time Into Flight					+2D	+3D	+4D	+6D						
Time of tests) (Start	2:57	8:27	0018	0635	0425	1003	0702	1148	3:55PM	3:04PM				
in each column) (Finish	3:09	8:37	0026	0646	0434	1012	0711	1200	4:06PM	3:14PM				

9-49 Gen'l Vitality	138	134	128	133	134	149	134	147	127	153				
2-76 Heart	152	145	138	118	131	159	119	156	151	167				
92-83 Lungs	155	152	125	104	151	153	142	147	146	156				
3-82 Kidney	150	152	103	126	159	161	135	166	173	152				
17-29 Liver	143	166	98	142	153	153	128	155	164	176				
45-29 Liver Lft. Lobe	152	143	94	133	160	178	142	173	179	173				
44-41 Lymphatics	143	173	128	149	152	172	148	164	164	158				
4-95 Spleen	156	164	116	146	173	160	141	156	156	174				
35-92 Bone Marrow	146	152	92	154	156	174	155	177	174	164				
23-25 Chlorophyl	145	169	106	163	171	160	152	156	165	178				
16-28 Pineal	157	158	94	171	160	175	153	173	156	173				
59-77 Thymus	140	170	104	153	153	170	152	167	174	177				
6-87 Pituitary	152	152	136	192	169	173	155	165	168	171				
74-65 Pituitary Ant.	163	144	148	182	159	171	149	156	175	164				
56-23 Pituitary Post.	162	175	129	194	168	173	145	152	168	178				
3-9 Adrenals	148	164	103	193	154	160	157	176	159	171				
33-39 Adrenals Cortex	154	176	94	192	175	177	152	159	178	175				
28-23 Adrenals Medulla	134	156	121	169	156	170	149	176	171	179				
6-81 Thyroid	144	179	115	153	172	163	164	166	165	172				
86-4 Parathyroid	136	168	138	164	157	153	155	160	155	164				
39-24 Parotid	127	154	128	168	172	176	149	175	173	157				
77-84 Stomach	110	173	107	153	159	171	144	160	167	178				
16-25 Duodenum	136	163	104	173	176	160	134	176	172	171				
13-64 Gall Bladder	148	179	98	148	164	177	128	170	165	166				
9-70 Pancreas	172	163	116	136	156	171	151	155	160	174				
36-35 Pancreas ls. Lang.	151	147	104	149	174	160	176	177	176	165				
8-72 Colon Wall	152	174	125	168	178	171	171	171	173	178				
3-8 Appendix	117	160	133	151	156	166	154	153	166	172				
5-91 Prostate	108	164	124	169	174	172	172	179	177	178				
37-94 Testes	102	154	149	152	169	177	168	172	171	166				
5-62 Nerves	151	178	170	174	176	165	177	169	176	181				

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3-23 Neurasthenia	125	159	215	71	171	205	181	159	171	93				
10-81	115	86	91	84	76	108	80	71	76	85				
30-50	86	37	72	64	91	79	91	69	96	76				
10-65	76	53	92	73	73	73	76	94	169	94				
30.5-29	69	27	79	18	97	90	98	71	69	80				
29-33	206	22	92	89	79	98	92	73	93	97				
47-90	209	12	102	93	125	91	89	96	86	92				
4-9	79	59	207	72	123	73	75	89	96	121				
18-36	208	80	96	93	98	130	96	96	128	112				
7.5-9	116	59	75	82	85	60	80	72	91	94				
12.5-13.5					72	92	76	99	76	126				
38-21							72	90	83	173				
8.5-48							89	73	94	73				
95-85							11	93	93	421				
9-49	138	134	128	133	134	149	134	147	127	153				
Average	139	162	118	158	163	168	150	164	167	170				
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Tracking the Astronauts

Astronaut: C-11

The Story of Eloptic Energy



LOUIE B. NUNN

GOVERNOR

To all to Whom These Presents Shall Come, Greeting:

Know Ye That

HONORABLE T. GALEN HIERONYMUS, FORT LAUDERDALE, FLORIDA

Is Commissioned A

KENTUCKY COLONEL

*I hereby confer this honor with all the rights,
privileges and responsibilities thereunto
appertaining*



*In testimony whereof I have caused these letters to be made
patent and the seal of the Commonwealth to be hereunto af-
fixed, Done at Frankfort, the 28TH day of JUNE 68
in the year of our Lord one thousand nine hundred and
and in the one hundred and 77TH year of the Commonwealth.*

Louie B. Nunn
By the Governor
Elmer Beale Secretary of State
By _____ Assistant Secretary of State

Tracking the Astronauts

Colony Signs, Ltd.

10 May 1966

Dear Galen and Louise,

I cannot refrain from expressing again my heartfelt thanks for your wonderful help with your mysterious machine.

All my adult life I have suffered from this painful, debilitating back. At the end of the fighting in World War II I was evacuated from the front in Germany because it finally had become too intense for me to cope with. My doctors could not help me, and at my request discharged me without a disability pension. (They were beginning to suggest exploratory operations).

I had decided that I would simply have to live with the pain if the best orthopedic surgeons in the Army could not help me. I knew that it invariably became worse under stress, emotional upset, or nervous tension.

My sinous headaches and allergies came later, often, though not always, coinciding with back pain. Antihistamines helped until I gradually began taking them so regularly that they lost all effect. Then I quit them and suffered no more than I had been with them.

Then I met you. Since you have been treating me with your machine I have been under the severe

P. O. BOX 639 • FREEPORT, GRAND BAHAMA • PHONE 5882

The Story of Eloptic Energy

Colony Signs, Ltd.

emotional stress of a new and demanding job in a strange country, with some of the most trying circumstances I have ever encountered. People working under me, as well as business competitors, have tried to tear me down and destroy me.

Every factor has been present in extreme measure that has previously inevitably brought on severe migraine headaches and the dreaded muscle spasms in my lower back.

Yet I am thriving! I feel ten - no, fifteen years younger - with none of the ailments that I endured at that age.

As I told you before - - you have changed my whole life.

How can I ever thank you enough? How can my children thank you? Without your marvelous treatment I could not continue this job which is the means to sending my children through school. They will owe their higher education in large part to you!

May God bless you both, and may your lives be full of joy as you have made mine.

Devotedly, .

Charles

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Tracking the Astronauts



Charles E. Childs Jr.
Isolong Signs, Ltd.

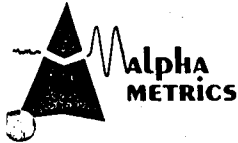
P. O. BOX 639

FREEPORT, GRAND BAHAMA

10/10/66
10/10/66
10/10/66

Mr. & Mrs. Galen Hieronymus
1102 Von P. Hunter St.
Key West, Florida 33040
U. S. A.

The Story of Eloptic Energy



Innovations for Inner Space

6311 yucca st.
los angeles, californio 90028

25 August 1972

My home phone is (213) 462 - 7093
Preferred mailing address is at home;
1538 Cassil Place, L.A., Ca. 90028

Mr. T.G. Hieronymus
P.O. Box 91
Lakemont, Ga. 30552

Current affiliations: Director Bio-Medical Research As:
President, Alpha-Metrics Co. (Biofeedback equ

Dear Mr. Hieronymus,

I was delighted to reach you and talk with you in person last night, as I have known about your extremely valuable work for many years now.

The time is certainly long overdue for a fair and thorough re-evaluation of PSI phenomena, and particularly your own contributions to this field.

Since my oervation that certain brain-wave states may be the significant "key" in the human bio-computer, and these "Theta" states appear consistently in successful operators and appear to be totally lacking in non-scoring operators, I intend to personally do an in-depth investigation of radionics, radiesthesia, and the hardware involved.

As I mentioned, I have owned and experimented with several types of devices (Drown, de La Warr, Hunter, etc.) but never an actual Hieronymus.

So I genuinely appreciate and value the excellent observations you chose to share with me on the telephone yesterday.

I definitely will keep you informed of any and all developments on this end, and since my work is not government funded, (it comes out of my own resources) I'm sure it will be as honest and objective as I'm capable of manifesting.

Enclosed are a few items of interest. The Puharich paper was extremely timely and interesting to our local group . . . (mostly engineers, physicists, and underground scientists exploring X-dimensional phenomena on our own time)

Puharich feels, in private communication with me, that the Backster effect is attributable to plain water, and the plant is contributing only the cellulose "sponge" that mechanically holds the water in position between the electrodes. He intimated that better "Backster" effects could be obtained by simply using a test-tube of distilled H₂O and electrodes, however we have not found time to replicate this as yet.

I'm sure you've seen the Sept. 1972 Saga magazine article; a Xerox is enclosed just in case . . .

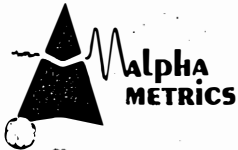
And since you mentioned an interest in Pyramidology, I'm enclosing a rare gem of research done by Mr. Edward Kunkel of Warren, Ohio. If you read this, it may change a number of previous assumptions . . . at least it certainly did for me, after I'd overcome the initial shock and prejudice in my own mind . . .

I'm off to Arizona this afternoon for about four days, and I'm really looking forward to talking with you again.

When I was in high-school, my Class A ham ticket was W6 VNS, however I let it expire about fifteen years ago. What's your call ?

Thanks again for communicating; I feel we have a lot of data to share.

Tracking the Astronauts



innovations for inner space

6311 yucca st.
los angeles, california 90028

12 September 1972

Dear Friend,

I think we're winning !

Enclosed is a Xerox of a most interesting paper just received. It was presented by professionals for professionals at the recent "Parapsychology and Medicine" conference in San Francisco.

If I had my way, you would be awarded a long overdue "Nobel Prize" for your contributions to this field.

O.K., enclosed are relevant papers (read the Menninger Research Foundation paper by the Dr.s Green first) and my own bibliography, plus some reprints from "popular press" clippings on the work I've been doing since late 1969.

I'll be sending you an instrument just as soon as production catches up . . . probably within a week or ten days of today. I've been plagued with all sorts of interruptions, delays, and technical problems (including not getting deliveries of components when promised) and really thought I'd have your system mailed off to you before now, so apologies.

The instrument you'll receive is a gift to you and your foundation; I'd be honored to have your comments after you've tried it.

My own replica of the Hieronymus system is about finished; the glass tubes, bakelite, etc., are very hard to find, and the first tuning bank was a bit too small for comfort, so I'm starting over again.

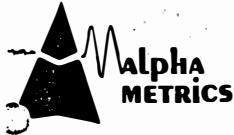
I noticed that with a setting of 1 on left dial and 46 on right dial, I've experienced some very real "training" dreams while asleep. I came across this setting "accidentally" and wonder if it is O.K. to continue this rate at night ?

Also, I have quite a few questions, and hope to be calling you again soon. It looks like the middle of October before my teaching schedules will permit an in-person visit.

Thanks for all the beautiful help you've been extending me.

Sincerely,

The Story of Eloptic Energy



innovations for laser space

6311 yucca st.
los angeles, california 90028

19 Sept. 1972

T.G. Hieronymus
Box 91
Lakemont, Ga. 30552

Dear Friend,

Thanks again for the information and help.

I'm really "hooked" on this field of investigation, and I spent some time recently running down all of the articles/editorials/letters-to-the-editor that I could find on the subject of your device.

After I got it all together, some of the old Astounding Science Fiction magazines were literally crumbling . . .

Anyway, I photographed all of the pages, then pasted them up so as to conserve space, and re-Xeroxed the lot . . . which boiled down about 85 pages of original material to these 40 pages enclosed.

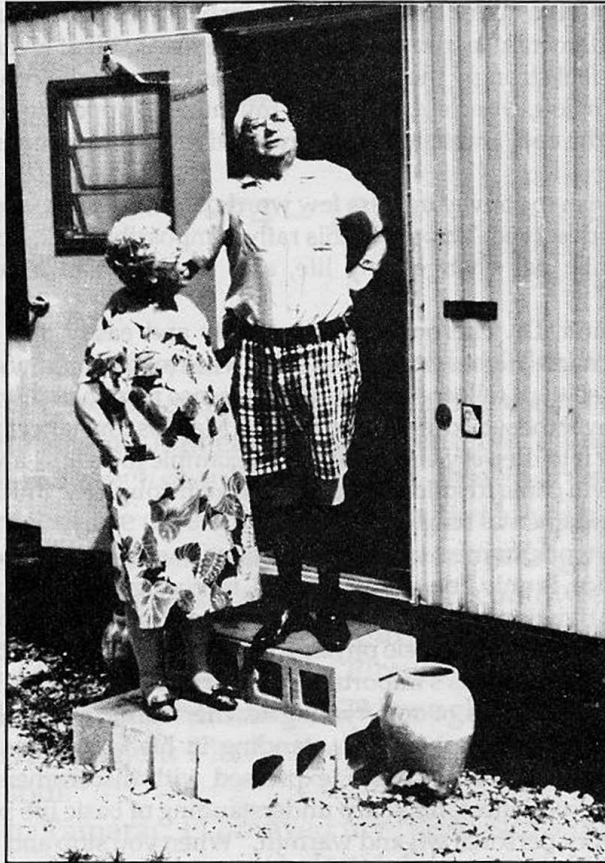
I thought you'd enjoy seeing this again.

At least here it all is in one place.

Thanks again, and I'm really looking forward to visiting with you and Louise.

Bob Beck
12: Noon Sept 19/1972

Tracking the Astronauts



T. Galen Hieronymus and Louise Hieronymus at their summer home in Lakemont, Georgia, in 1969.

MEMORABLE MEMORIES

My beloved teacher and friend, Galen Hieronymus, passed away at age 92. This event happened February twenty-first, 1988, and as one two thousand miles away, I was having severe stomach cramps for no known reason.

I had the privilege and the honor to be impressed by his keen, humorous, and broad open mind totally absorbed in fundamental learning, and this while I was still at a very young age. So I guess it is quite natural that I feel strongly the loss of a precious teacher who could certainly have taught me a lot more. Then, I am left, wordless, to express my intense support to his widow, Sarah, who so devotedly stood by till the end, and to all the many relatives and close ones that he left here on this plane of life.

For this occasion, I wish to convey in these few words, all the respect, appreciation, and love that this extraordinary man deserved. To pursue this rather impossible task, I need to say, that as is the case for many others, he has changed my life, and moreover, in a very profound way, my understanding of life.

In my humble opinion, Dr. Hieronymus is certainly and easily one of the most impressive scientists of the 20th century. He has done repeatedly what many could not have imagined. He left to his wife, Sarah, but also to us fellow workers, the immense responsibility to carry on his life work with what is known all over the world as Eloptic Energy. May his constancy, honesty and strict ethical principles in working at it to the very end, serve as an example to us all—and also to the researchers being born today, that will come to follow his pioneer trail through the unknown, and pave the way to the 21st century's fundamental science.

To say that his life's work, carried in many directions at an impressive pace, "against" current general opinion in science, is only now, after 60 years, receiving some understanding in the light of expanded quantum relativistic mechanic theory and strong support from modern discoveries in the field of weak neutral interaction in particle physics. And this by top scientists who don't know much of him—it is to note Dr. Hieronymus's important singular standing and merit in the field of science.

Finally, my feeling of the loss of my "young teacher" and friend, Galen, is somehow and paradoxically lightened as I remember 1984, standing in his laboratory, bombarding him with questions, as he, with his usual enthusiasm, expressed with discernment, precision and clarity, gained from decades of experiences, his sharp understanding of basic life phenomena, ending with his own powerful and very personal wit and warmth, "When you stop and think about that, you do something about it." Well . . . All right, Doctor Hieronymus . . . But . . . It is a hundred year old job . . . Your genius just gives too much work for the world . . . And . . . So much gain . . .

But he didn't really hear what I said, he was back at work! Why should a man that had retired from a full career as director of engineering work at Kansas City Power and Light before I was ever born behave like that? Well, he later told me part of the answer—he felt in kindergarden all his life, scratching the surface of knowledge, but learning something new every day!

And as I ponder over what he taught me, I know, he is doing just that, in space-time, somehow: scratching at the surface of knowledge . . .

Guy Theberge
Research Associate (ASR&D)
Sherbrooke, Quebec

1974 – 1980

IX

1974 – 1980

As I look back over the five years following Louises' death, I find that after the sorrowful aloneness I experienced with the terrible realization that my loyal life partner and assistant was no longer with me, I entered a limbo where I blindly trusted those people whom I should have been able to trust. I did not suspect anyone's motives or examine carefully anyone's actions. My mind went around in circles, always coming back to conviction that my work must go on, beating its wings against the fact that I was alone, desolate, lonely, with no knowledge of where I could find anyone with the understanding of the purpose and intent of my pursuit of further knowledge of the levels and uses of Eloptic energy.

The years from 1974 through January 1979 brought me such frustration, disappointment and discouragement I had never before experienced. It was truly the "dark night" of my soul.

I sold my house in Tamarac, FL, moved my possessions into a warehouse, and stayed for a while in a small apartment belonging to one of our friends, N.W., who suggested to me that I make serious plans to continue my work. A widow, she had to pay a sizeable sum in income taxes each year, and had no dependents. Since my corporation, Advanced Sciences R. & D. Corporation, Inc., is a non-profit, scientific and educational corporation, our friend, N., arranged to give a sizeable monthly check as a donation to the corporation, which helped me by making it possible for me to continue my work, and helped her by lessening the yearly income tax she had to pay. N. was like a dear sister to me. She and her mother were old friends of both Louise and myself, and we loved them both. I was especially appreciative of N's fine knowledge of business.

The Story of Eloptic Energy

With that arranged, I took a trip back to Lakemont, GA, to the Retreat. There were several old friends at a UFO conference there that week. George and Doris Van Tassel, J.C. and Geneva Lydon, Dr. John Martyn and Bill Bussey (an excellent photographer and engineer from Atlanta). Also, a seminar was booked, to be taught by Sarah Elizabeth Gran. I was interested in meeting her. George Meek had stopped in Tamarac to see me in December 1972, and left me one of her tapes, made when she was working with the Mandel foundation in St. Pete, FL. I was impressed by her voice, the message of the words, and the apparent ease with which the message flowed in complete continuity. George had told me she was a very fine sensitive channel, one of a few he had encountered in the U.S.

The weather was beautiful. The seminar and conference proceeded according to schedule. After the activities were finished, M. invited Sarah and me to dinner with her, and afterward, Sarah counselled me on some specific projects I was contemplating.

I was impressed with the clarity and truth of what she told me, and the logic of the advice she gave me. I perceived she was indeed a clear sensitive channel, also I realized she was an attractive, lovely woman. That's as far as my mind could go from the loneliness in which it lay dazed. I think I fell in love with Sarah right then, but I was so busy with decisions, trying to get my life in order. I didn't forget her, however, and later I wrote a letter to her, and mailed it, but I never knew if she received it or not, since I never received an answer.

M. wanted to get away from running the Retreat fulltime. We made an agreement that she would furnish the land and I would put up the cash for my part of the cost of a pre-cut round-house, we had agreed we both liked. We would build two apartments, in the house. I would live in the downstairs apartment, where I would have my living quarters, my lab and workshop. She would live in the upper apartment, and also serve as Secretary-Treasurer of Advanced Sciences R. and D. Corporation, Inc. I trusted her, so I turned over management of the corporation funds to her, and paid half the money for my apartment to her. But somehow, M. needed money, so over the ensuing time, the cash money from the sale of my house in Florida melted away, and I woke up one morning to find that she had spent most of the money. The idea of building a two-story duplex apartment was gone with the money. Shocked and astonished, I said I must have a place of my own so I could get on with my work. The Oasis property down the road from the Retreat was available, so I made an offer to purchase the property. It consisted of an old house, a small building with a roofed lean-to on one side, and three acres, fronting on Lake Rabun Road. M. asked me if I had any use for the other two acres. With my mind on getting

1974 - 1980

a place to live and work, I didn't think about it, but just said "No." So she said she wanted the two acres. I agreed. As she said all paper work could be taken care of at the same time the deal for the purchase of the property was concluded, I accepted that, since I thought she meant for the part of the property she wanted, so she could pay for her part. I trusted her and she set up all the arrangements. In my blind trust, and in my grief, it never occurred to me to look at the amount of the mortgage, and ask why I was paying the full price of the property when I was only getting a third of it.

Six years later, I realized the trick she had pulled on me. When she talked me into signing over my rights to 2/3 of the property to her, all she had to do was wait for the time it took for me to finish paying the mortgage payments, and she would have the property free and clear of any financial encumbrances. When I finally realized the truth, I gave a friend the money to buy the mortgage and assign it to me—so it was never free and clear for her.

Later N. wrote to her, outlining the legal aspects of her actions while she was an officer of Advanced Sciences R. and D. Corporation, Inc. Eventually she returned to me the lot she had not sold, and she bought and returned to me the lot she had sold (eleven years later).

I rebuilt the shop building and the lean-to on the side, built a garage on the main building, replaced portions of the floor which were in poor condition, carpeted the floors, and moved in. I had to bring up my shop machinery and laboratory effects from Florida. It took quite a while to get everything placed to my satisfaction. I was very blessed with the assistance of Judith Turner and Robert Ross, two young people sent here by Paul Solomon (psychic of Virginia Beach, VA). Judith catalogued my Reference Library, and made files by title and by author. She filed my papers, subject matter and letters (accumulated) from 1920 through 1976. The greatest thing she did for me was to assemble all the rates we had found for the use of my Eloptic-Energy Electric-biometer. This she typed on half letter size sheets, both sides, and put it in an appropriately sized Ring Binder. We made copies of the pages of Rates Louise and I had worked out over the years.

When we worked in Kansas City, MO, at "Radiation Laboratory," we had published Rate Bulletins for physicians and chiropractors who had purchased and were using our equipment. These Bulletins contained the numbers which made up the Rate Lists or the wave-lengths of the diseases we had experimented with in our Eloptic Energy Research.

The Book we made contained:

1. An alphabetical list of diseases and Rates for each.

The Story of Eloptic Energy

2. A numerical list of Rates.
3. A diagnostic list of diseases and rates.
4. Experimental treatment rates.
5. Special treatment rate bulletins.

The Book, which we called the "Eloptic Directory," was copyrighted.

The accomplishment of this was one of the noteworthy accomplishments of this period of my life, and I was most grateful to Judith Turner for the excellent organization of this energy research material, and the publication of this book.

I decided not to sell the copies of the book, but to reserve this book and furnish only to purchasers of my instruments this information.

Robert Ross spent his time daily checking and "fixing" any problems with any of my equipment. Consequently, when these two wonderful young people found it necessary to seek gainful employment, the time and effort they had spent in my behalf left me with my books catalogued with files of author and title, and locations on library shelves completed, my office files in excellent condition, and all my equipment in excellent working condition. That was one of the brightest events of this miserable five years after Louise's death.

Another was a lecture tour I made to Brazil with Bill Cox. Bill was a long time student of the late Verne Cameron (the great Dowsing Master of the Southwest). We went to Brazil for a month, each being guaranteed a fee for each lecture. These were public lectures. Imagine our surprise, when we were preparing to return home, we found that we could take only \$300.00 each out of the country. Since the accumulated lecture "fee" amounted to much more than that, the Brazil trip was almost a total loss financially.

I enjoyed lecturing, getting acquainted with various people, and the "healing" meeting of Spiritists I attended. The scenery was beautiful, and the sojourns in Sao Paulo, Rio, and Belo Horizonte most interesting. But I found no real opportunity for any public acceptance of my work with Eloptic Energy, which was of course, a great disappointment to me. I met many Spiritists and Spiritist groups. It seemed to me that their appraisal of my research work was almost as harsh as that of the "orthodox" scientists I had encountered.

Another interesting episode was my trip to New Hampshire to work with a young man who had become an excellent operator of my Analyzer Instrument. This 6-week trip afforded me a great opportunity to research the paper company's problem of the great destruction of Spruce trees in forests along the U.S.—Canadian border by the Spruce Bud Worm. I flew with the Fire Patrol (of which my friend, Dave Waddell, was an active member) so I could see for myself the dead trees in

these forests. I finally found a man who was raising Spruce Bud Worms in his desk drawer, so I could obtain some specimens. With the work we did with the specimens, I was completely satisfied that I had the means with my Eloptic Analysis and treatment Instruments to eliminate the pest. However, getting anyone in authority to listen to me, presented an apparently unsolvable problem.

One odd thing happened during this 6 weeks: Dave and I decided to build a Cloud-buster device. Dave was a very proficient welder, so we had no problem with assembling the cloud-buster. After some practice with the cloud-buster, we became aware of the presence of odd shapes and colors (of a flying object), from time to time. When in our need to find out what it was we consulted a medium in a nearby town, we learned that it was an Etheric craft, not only attracted by the cloud-buster energy, but also manned by energy entities unfavorable to our purposes of research. Be that as it may (I didn't trust the information)—but it was as probable as any other information we could get.

Life in Lakemont resolved itself in this schedule: Breakfast at the Retreat with M. at 8 AM. Work on projects at my workshop at the Oasis until noon, a sandwich at the Oasis alone or a trip into Clayton for lunch at the Clayton Cafe. Read, or work at records until 5 PM, then dinner with M. at her home at the Retreat, or take M. out to dinner. Bob Ross (who changed his name to Joshua) and Judith Turner were married and were living in the small house on the Retreat property. They sometimes accompanied us.

I was accomplishing organization of my research findings over the years, but I still needed a good operator of my instruments in order to carry out the projects. I still had to work alone. I had not found it easy to operate the instrument for information and/or my research projects.

Louise had been a wonderful research partner when we were working with research of energies, diseases and methods of using Eloptic energy techniques to cancel out disease conditions. She was totally interested in healing people. But because she cared, she helped me with my agricultural research and my pollution-removal projects. I missed her more and more.

I knew M. was a "channel" and at times did good work. I thought that if I could get her to take any interest at all in my research projects, she could have been of immense help. She seemed to be a bright, attractive woman with a flair for counseling and helping others. But she took no interest whatsoever in my research work, except to plan how she might make money out of sales of instruments.

When I needed tools and supplies it seemed easy for her to object to any purchase of tools I wished to make. I continued to observe her, and in so doing, I was forced

The Story of Eloptic Energy

to admit that regardless of her elegant manner, she couldn't even write a proper business letter. At meals and other times, I listened to her scathing criticisms of other people. I saw her total lack of demonstrations of affection for anyone. I had had a sort of idea of proposing marriage to M. before my observation of her character and personality forced me to give some second thought to the idea. I finally concluded that I was not too old to be interested in not only a working partnership with a healthy, attractive, affectionate, loving woman, but a complete marriage in every respect. My observations of M. over several years led me to accept that she was not as intellectual as I had thought at first, had no real interest in scientific research, and that she was also what is known in medical circles as a "frigid female." I heard her mention proudly to some friends that, "I am not an earth woman"—so I dropped the idea of marriage with her completely.

Later on, during a business trip to Switzerland in my capacity as President of Advanced Sciences R. and D. Corporation, she (M.) accompanied me as Secretary-Treasurer of the Corporation. While we flew to Switzerland, our luggage took a trip to Miami. This made even so short a time abroad uncomfortable and more expensive, since we each were forced to purchase clothes. The President of A. Inc. had his secretary arrange hotel lodging for us and entertained us at dinner. In his living room after dinner he addressed both of us. "Tell me, please," he said, "what is your relationship?" M. looked startled, and before I thought what I was saying I blurted out, "I wouldn't marry her if she was the last woman in the world." Our host gasped and changed the subject, but the situation stayed tense, and he soon called his chauffeur to take us back to the hotel. M. didn't speak to me for the next several days.

After I thought about this, I confess I was not very gallant, in that I said such a thing so emphatically—but I was so disappointed in M. and what was lacking in her character, I made that emphatic statement without thinking. My disappointment and frustration since Louise died was almost more than I could bear.

M. had told several mutual friends she was going to marry me. It could have happened had she been less critical of everyone, less authoritarian and more affectionate, passionate and human in her nature. I saw very plainly she was not the woman she appeared to be, and I thanked God I had the sense enough to wait and observe, instead of impetuously getting myself legally tied to her, and then finding out what I knew about her.

Another event of this period was the organization of the U.S. Radionic's Congress. Jerry Gallimore of Indianapolis, IN, was the moving spirit in this event. I was a charter member. The purpose was to educate the public gradually as to nature and uses of the method of Dr. Abrams, Mr. Colson, Dr. Ruth Drown, De Le

Warr, of England, etc., and to encourage exploration of energies by such methods. In the few years since the organization of the group, a new name, "U.S. Psychotronics' Association, Inc.," was adopted, and finally, early in the 1980s the corporation became an IRS recognized, non-profit corporation. I was disturbed to see, over these few years, events I had observed in some other groups begin to occur in the U.S.P.A., namely, the perpetuation in office of the same people over and over.

I had been elected "Veteran Director" (Board member) for life—but as I observed the ineptness and lack of direction of the organization, I began to have second thoughts about the possibilities of the group and the fact that membership in the organization might turn into being a problem. The whole thing seemed to be turning into a jolly get-together once a year to listen to some lectures and gossip among themselves. There seemed to be no purposeful activities, no on-going programs, or any concern for building up the group's influence. I began to feel there was no real purpose.

M. had been a close observer of Henry Mandel's work as a healer in St. Pete Beach, Florida, over the years, and had steered many people to him for healing. He died at the age of 83, in 1978. In January 1979, M. told me she had invited Sarah Elizabeth Gran to the Retreat for the month of February.

I had been considering the situation in which I found myself, since the projects I was engaged in were not progressing as they should have been. I had no one to discuss my ideas with, and no one to care whether I did anything or not. I had built a few instruments, and M. had sold them at a high price, over my objections to the high prices. But she insisted, so I didn't argue.

Everything considered, my Lakemont sojourn was not satisfactory. I was seriously considering selling my house and returning to South Florida to live. I was a very unhappy, lonely man. As a native of Scorpio (astrologically) I tend to be secretive about my ideas, plans and the trend of my thoughts, so I had said nothing to anyone about making plans to leave Lakemont. I decided to say nothing and to become acquainted with Sarah when she came to the Retreat in February, 1979. I had heard that she was married but she never talked about her domestic life. My informant said she seemed unhappy.

Her visit was a delight. As I became acquainted with her, I enlisted her aid in getting acquainted with my Low Self, as I might begin to train him as the Huna teaching suggests. We were in touch with several of the IAM Teaching Mentors, and also many of the physicians-in-spirit who were involved in the New Age Hospital on the Summerland Slope of The Astral Plane. I explained about my work, and she seemed to be interested. She had read the articles published in the *Psychic Observer*

The Story of Eloptic Energy

by Henry Nagorka (Washington, D.C.) and asked intelligent questions about my current projects. I found her to be quiet, but a good conversationalist, and she possessed a great intelligence. She was well-read and could converse on almost any subject. I concluded that I would pursue further acquaintance with her. Before she left at the end of February, I had her promise that she would return in May, when she finished closing out her personal work in Ft. Smith, AR, where she had been living.

She came back the last week in May and began working with me. She became an excellent operator of my instruments, and had an inquiring mind suited to research. I found she was also what is popularly known as a workoholic, and possessed an uncanny way of shaking a concept until she found the very last shred of information in it. As I guessed, she had an affectionate, compassionate nature—and she could cook!

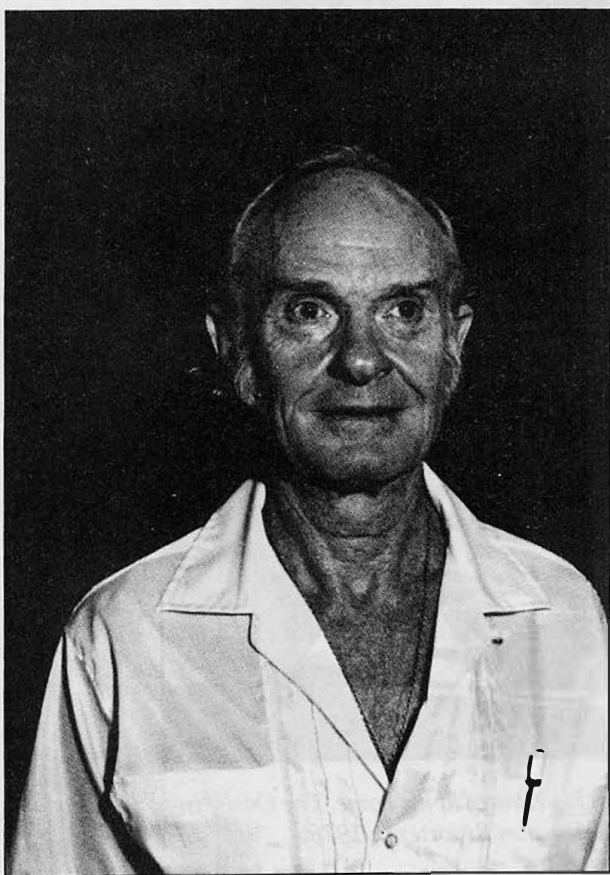
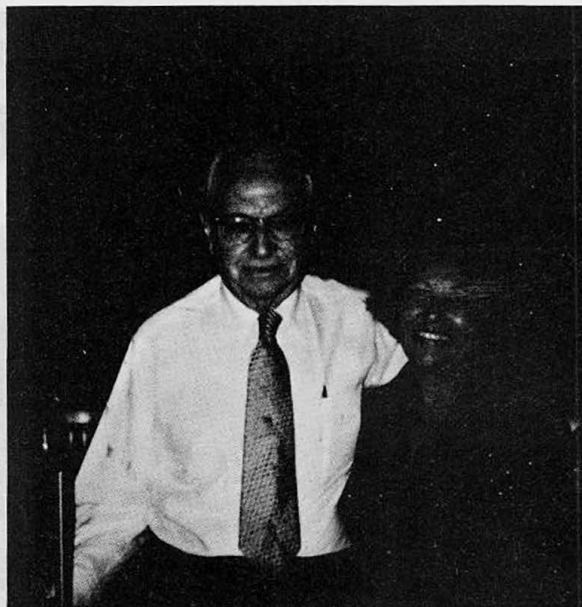
I severed my arrangement with M., ceased to attend her “Sunday Services” or associate with her, and went to work with my new Secretary-Treasurer, with my projects, my corporation business, and with publishing the information gained in our frequent “channeling sessions,” as “The Oasis Magazine.”

She (Sarah) seemed happy working with me, and she found working with the instrument thrilling and realized the great potential for good it presented.

I was happy, too. I accepted that now it was at last possible to get on with my work and really accomplish results. I asked Sarah about her relationship with her husband. She replied that he had left her and had gone to Florida and refused to come here to live. She wished to live here so she could continue to assist me in my work, and she did not intend to go to Florida so she was considering a divorce. I told her that when she was free, I would be most honored if she would marry me. And that's just what happened, on February 13, 1980. It was a new, wonderful life for both of us.

1974 - 1980

Dr. Hieronymus and friend. This picture was taken while Bill Cox and Galen Hieronymus were on a lecture tour in Brazil in 1976.

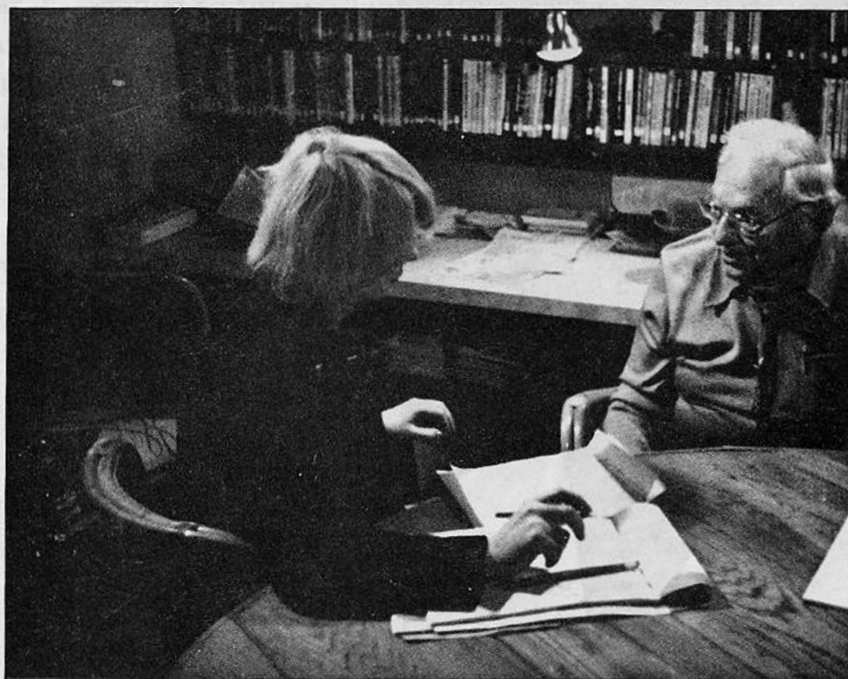


Bill Cox, Associate of the late Verne Cameron, Editor of Pyramid Guide, and Lecturer, Author, and friend of Dr. Hieronymus.

The Story of Eloptic Energy

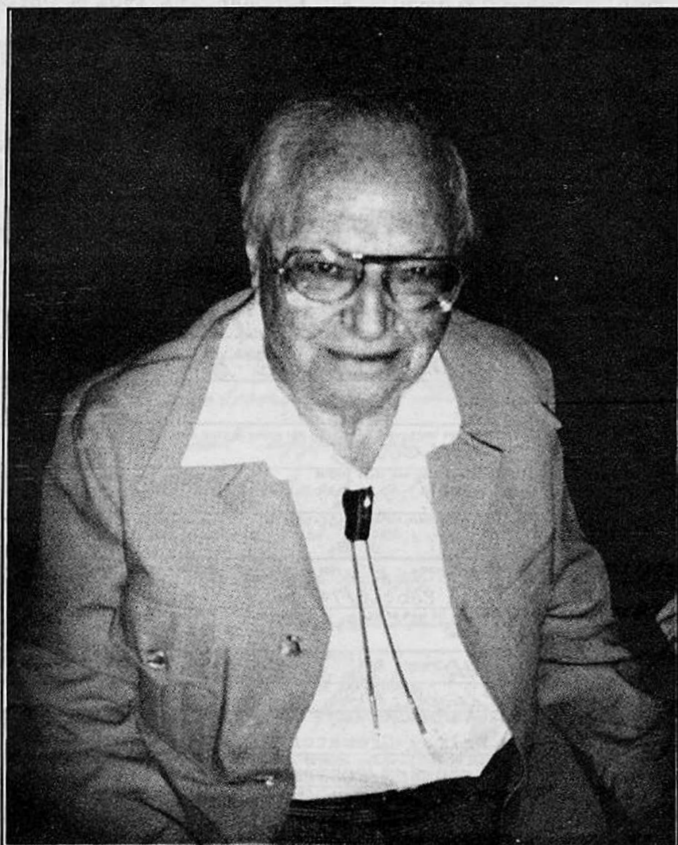


T. Galen Hieronymus in his workshop in Fort Lauderdale, Florida, in 1970.



Dr. Hieronymus being interviewed in his Library at his home, The Oasis, in Lakemont, Georgia, by a Television Reporter in 1976.

1974 - 1980



Dr. T. Galen Hieronymus at Lakemont, Georgia, in 1978.

The Story of Eloptic Energy

74-108373

CERTIFICATE OF DEATH

DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
DIVISION OF HEALTH
BUREAU OF VITAL STATISTICS

FLORIDA

STATE FILE NO. _____

REGISTRAR'S NO. _____

TYPE, OR PRINT IN PERMANENT INK SEE BARCODE FOR INSTRUCTIONS

1. DECEASED—NAME: **LOUISE WILLIAMS HIERONYMUS** **female** **February 16 1974**

2. RACE: **white** **73** **Jan. 11 1901** **Broward**

3. CITY, TOWN, OR LOCATION OF DEATH: **Pembroke Park** **yes** **Community Hospital of South Broward**

4. STATE OF BIRTH (IF NOT IN U.S.A., NAME COUNTRY): **Texas** **U.S.A.** **married** **T. Galen Hieronymus**

5. SOCIAL SECURITY NUMBER: **488-36-1168** **Housewife** **own home**

6. RESIDENCE—STATE: **Florida** **Broward** **Tamarac** **yes** **8405 N.W. 59th**

7. FATHER—NAME: **Abraham L. Williams** **Laura Albertson**

8. INFORMANT—NAME: **T. Galen Hieronymus** **8405 N.W. 59th Place Tamarac Florida**

9. DEATH WAS CAUSED BY: **Acute Myocardial Failure** **Arterio Sclerotic Heart Disease**

10. OTHER SIGNIFICANT CONDITIONS: **Diabetes Mellitus**

11. CERTIFICATION—PHYSICIAN: **4-10-74** **Feb. 16/74** **2-16-74** **2-10-40**

12. CERTIFICATION—MEDICAL EXAMINER OR CORONER: **James W. Smith** **James W. Smith** **2-16-74** **33004**

13. CERTIFICATION—FURNER: **Removal** **Delray Crematory** **Delray Beach** **Florida**

14. DATE: **February 19/74** **JOHNSON/FOSTER 1650 Harrison St. Hollywood Fla.**

15. FURNER: **JOHNSON/FOSTER 1650 Harrison St. Hollywood Fla.**

16. REGISTRAR: **Pauline Hughes** **E. M. STROBEL** **County Comptroller**

17. DEPUTY REGISTRAR: **Ruby Lister**

18. DATE: **2-21-74**

19. WARNING: **Not valid unless raised seal of the Broward County Health Department is affixed.**

20. RECORD IN THE OFFICIAL RECORDS BOOK OF BROWARD COUNTY, FLORIDA

21. CERTIFIED COPY

22. OFFICE 5770 PAGE 426

23. T.G. Hieronymus

24. PD Box 109

25. LA Remont

26. George B...

1974 - 1980

6601 Willow Ridge Rd
Huntsville, Ala 35806
8 August 1973

Dear Mr. Hieronymus,

I would like to take this opportunity to express my sincere thanks for your time spent discussing your device during our two telephone conversations on 7 August 1973. I am sure that I cannot appreciate the burden which information seekers have placed on you.

As we discussed, I am strongly inclined to believe that Etophic Energy is the result of, or, more probably, the cause of gravitational force. As I explained, to me, the most plausible explanation for the gravitational force existing between two bodies of mass is energy (or ether) impinging upon these bodies rather than some "attraction" between them. Under my hypothesis there should be energy impinging on the system of two bodies (in the simplest case) equally from all directions, resulting from an almost infinite number of sources throughout the

The Story of Eloptic Energy

Universe. However, I postulate that, due to a mutual shielding effect of each body on the other, there should be a net reduction of energy in the immediate region between the two bodies in question. The net effect would be a force acting on each body in a direction such as to push them together. It can be shown from this theory that this force would be directly proportional to the product of their sizes and densities (i.e. their masses) and the product of the solid angle of eclipse of each on the other (i.e. inversely proportional to the square of the separation of the bodies). This results in the conventional gravitational law.

As I stated, Eloptic Energy seems to me to be the only viable candidate for this energy, or force field. Your device would seem to be the only instrument capable of use to study this energy and this hypothesis for gravitational effects. It is for this reason that I am particularly grateful to you for taking me into your confidence and providing me with the critical construction details related to

1974 - 1980

the device. Again, I feel that research with your device is the only means available at present which could shed some light on the gravitational phenomena, and I plan to devote as much effort as possible along these lines. Any information which I develop will be provided to you. Should you desire to contact me for any reason, my telephone number is (205)-837-4454.

Again Sir, my thanks to you.

Sincerely,
C. Donald Whitener

The Story of Eloptic Energy

June 21, 1974.

John D. Armstrong.
President, American Humanities.
912 Baltimore Ave.
Kansas City, Mo. 64105

Dear Jack:

You will never know what a wonderful surprise it was to get your letter of June 6th and the enclosed items. Bernie's letter of March 13 to Roe certainly brought back so very vividly, our early days in Scouting.

I am writing Bernie and will enclose a copy to you. When I can get back to my home in Ft. Lauderdale Florida, I will look up a lot of photos and other data and send it to him.

Bernie referred to a fifteen year pin that was presented to him by Dan Beard. I was the other one who received a fifteen year pin (it really was a medal) at that same time. Uncle Dan also presented my Eagle badge to me. I have both my Eagle badge and the 15 year medal, also my Silver Beaver and my real eagle claw necklace I received when I was a Chiefteen of Mic - O - Say.

I never received my 50 year veteran pin. I would very much like to have it. I applied for it but there was a new Scout Executive who dropped all of us who were on not active in the Kansas City area. I had been in Florida and was active in maintaining a Sea Scout Ship sponsored by the United States Power Squadron, signed their charter the years I was Secretary and Commander, helped them get a boat from the Coast Guard, etc.

Because of my love for the Kansas City Council, I maintained my Scouting contact through the K.C. Council and never had anything to do with the small local Council and did not know anyone in that council. The Kansas City Executive sent my 50 year application back with the word that I should apply through the local council. I wrote Roe about it and he said he would get it approved. When I did not receive the award, I dropped it. It now appears that it was lost in Roe's files. If it can be issued, I would appreciate it.

Sincerely yours,

cc Bernie

T. G. Hieronymus, President.

1974 - 1980

COPY

THE BARRETT PRINT SHOP
4508 East Twenty-fifth Street
Kansas City, Missouri

November 14th, 1930

To Whom It May Concern:

This is to certify that T. G. Hieronymus started in the Boy Scout of America on September 6th, 1910. Enrolling in my troop, which at that time was Troop 5 of Kansas City. He passed the Tenderfoot tests and took oath on November 10th the same year. He transferred to Troop 4 during the year of 1911.

To my knowledge, he was active in scouting in various capacities up to the time he received his Fifteen Year Service badge. We received this badge at the same moment. Our beloved Dan Beard presented we two and three others with a fifteen year service medal from the Kansas City Council for continuous service here in Kansas City. Any further information that I can supply, will be glad to furnish.

Yours very truly,

Signed (Chas. A. Barrett)

(Chas. A. Barrett)
District Commissioner.

I certify that this is a true copy of the original letter.

S. Warren McKelvey
Notary Public

T. G. Hieronymus
Notary Public

My commission expires Aug. 30 1932

The Story of Eloptic Energy

BOY SCOUT SERVICE RECORD OF T.G.HIERONYMUS

Joined Scouts September 6, 1910, Troop 5, Chas. A. Barrett, S.M.

Made patrol leader of the Cobra patrol.

Became tenderfoot November 10, 1910.

We took the first overnight hike that was taken in Kansas City, Mo.

Transferred to Troop 4, Wm. K. Rhodes, S.M. Spring 1911.

Passed 2nd class (the first in the K.G. Council to pass it)

June 22, 1911 at the first scout of the K. G. Council held at Dallas Park near Kansas City, Mo.

Passed 1st class in the fall 1911.

Demonstrated a portable field wireless station in Convention Hall at the December 30, 1912 round-up and sent messages to another permanent station in the hall.

Went to the Mexican border with the Signal Corps from Missouri from June 1916 to January 1917.

Assistant Scoutmaster Troop 4.

In military service August 5, 1917; to France, October 18, 1917 returned home June 1919 (was carried on records of Troop 4 as A.S.M. during military service)

Asst. Scoutmaster troop 4 from middle of 1919 until commissioned District Commissioner in either 1920 or 1921 and acted in that capacity until middle of 1927.

Merit badge examiner in "Wireless" from middle of 1919 until in 1925.

Merit badge examiner in Electricity from 1923 to present time.

Was Scoutmaster of Camp troop "T" at the "Ginger Blue" camp in the Ozarks 1921.

1974 - 1980

ADVANCED SCIENCES
RESEARCH and DEVELOPMENT CORPORATION, Inc.

June 21, 1974.

T. G. HIERONYMUS
DIRECTOR
8405 N. W. 59th Place
Ft. Lauderdale, Florida 33313

LABORATORY NO. 2
P. O. Box 109
Lakemont, Georgia
30552

Bernie Goodrum
Goodrum-Nichols Productions.
Burreks Springs, Ark. 72632

Dear Bernie:

Just received a letter from Jack Armstrong and he enclosed a copy of your letter to Roe dated March 13. What memories your letter brought back. Enclosed is a copy of my letter to Jack so I will not repeat what I told him.

You and I both received our fifteen year medals from the hands of Old Uncle Ben the same night in Convention Hall.

Louise and I met in Noel, Mo. while I was at Scout Camp and she was vacationing from Texas. We were married 48 years and she passed on last February. We lived about seven months of the year in Ft. Lauderdale, Florida and about five months during the summer in Lakemont, Georgia on Lake Rabun about 2,000 feet elevation. I am selling my Florida home and have all my personal things packed and in storage at my laboratory there. When I get things moved to my Lakemont place, I will send you some photos and other items for your collection.

Marvin R. Wilkes and I did all the engineering and I supervised a crew of WPA men who built the camp at Ocala, Mo. I rented or rather borrowed rock crusher, air compressors, trucks, and other tools etc. and I rented them to the government for the usual fee and turned all money over to Roe and he used it to buy such materials we could not beg borrow or talk our scouting friends out of, and it was in that way we managed to build the Ocala Camp. I have pictures of a lot of the operation and will send them to you. I sent one of my construction foremen from the K. C. P. and L. Co and I made two trips each week all one winter. We had to use WPA labor and finally got the Camp finished. Ernie Modlin was the Scout Headquarters man on the job. We had lots of real headaches but we finally made it. Among the items was a 100 Ft. long swimming pool, 650 foot well, mile of road, a power plant to make electricity (we had 4 gas engines to pump water and run generators)

Hope to get things moved and unpacked this summer and will sort out a lot of stuff for you. I am not much of a letter writer but would like to hear from an old buddy once in a while.

All my best,

The Story of Eloptic Energy



AMERICAN HUMANICS

over 25 years of service educating for careers with youth organizations

912 Baltimore Avenue • Kansas City, Missouri 64105 • (816) 842-5173

June 6, 1974

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Mr. or Mrs. T. G. Hieronymus
8405 N. W. 59th Place
Fort Lauderdale, Florida 33313

Dear Mr. or Mrs. Hieronymus:

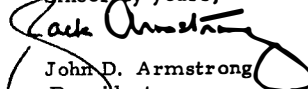
On May 9 Roe Bartle, for many years Scout Executive in Kansas City, died. I have been working closely with him, accepting the responsibility as President of American Humanics on January 1.

As I was examining some of his old files, I found the attached check dated February 7, 1961. Of course, the check is no longer negotiable, but it inadvertently was lost in Mr. Bartle's files, and quite likely the purpose for which it was written, an application for 50 year veterans status in the Boy Scouts of America, was never obliged.

At this late date, I did want to call it to your attention, and if I can be of any assistance in completing the application, do not hesitate to write me back. In his latter years Mr. Bartle had serious vision impairment, and it became increasingly difficult for him to handle his routine administrative work. When he received your check he was Mayor of Kansas City, and even during those busy years maintained his active interest in Scouting and indeed in American Humanics, an organization that he founded.

I knew Mr. Hieronymus from my early days as a member of Roe Bartle's staff in Kansas City, well remembering the Scout Round-Ups where such strong leadership was given. Kindest personal regards to you.

Sincerely yours,


John D. Armstrong
President

JDA/pkc

Youth Leadership Tomorrow . . . Through Educational Opportunity Today!

1974 - 1980

1.9. Hicromy

DWIGHT NICHOLS

Goodrum-Nichols Productions

Eureka Springs, Arkansas 72632

March 13, 1974

Dear Roe;

I suppose it would be in order to start this letter with an introduction--- so many years have passed since I last saw you, you have met countless thousands in your many services contributions, local, national and international, that one could not expect you to even recall one individual. Bernie, is the handle you might remember me by. Strange how many times you walk into my thoughts when I realize how few times I was privileged to be with you. At one time your name would come up in conversation with friends and we would talk of your great impact on the Scouting movement; your leadership with a college, the Scouting fraternity which you inspired; your place in the political field as mayor of a great city and your international contacts in trade. I used to think that maybe, just maybe you would come down into the hills and get you a little place on the lake where you could get away from the pressure of the age in which we live, but I've never had the pleasure of keeping alive the friendship which began so long ago. Time never made any promises on lasting friendships but as I grow older I think the one regret I have is that one is not privileged to have a 'two-way' communication with people who have made a lasting impression on their life.

My writing you is the outgrowth of a little project that began during the winter which has grown into a most interesting evening activity. It all began with a series of events which sort of fell into a definite pattern which called for a fuller development. First, one wintry day I suggested to Mae that we dig into her cedar 'hope chest' which I had made for her the year before we were married and see if we could find three insignia of mine, my Eagle pin, the fifteen year pin that Dan Beard presented to me at a scout sonclave while I was in K.O. and my great big first class badge. Wanting to see them came about by reading a short article of one of the astronauts who took three symbols of the Christian, Catholic and Jewish faiths with him to the moon. Well, in the said hope chest we found three thin candy boxes filled with old kodak negatives. What a find, I had not seen them for fifty years, they covered my growing up years in 'Y' activities' Scouting, WWI, school. Since the little business I am in deals with much photography and we are equipped to do many things, I decided to enlarge them into 8x10 glossies. That started it! About the same time two great volunteer Scouters passed away in southeast Kansas and they had done a thing that I never had done, that was of keeping lots of clippings and programs of scout activities. On going thru their effects their sons found many items that they thought that their Dad's might want passed on to me.-- and so the second phase began. Then one day their came a letter from a postmaster, who believe it or not, had run into a battered up large envelope which had been mailed in 1938 and contained a batch of material and photos of the last camp I ran for the 7 county area council in S.E. Kansas. They had laid in the bottom of a dirty old mail sack all those years to the end of 1974. The postmistress was the wife of a chap with whom I had gone to Baker U. back in 1921. He had passed on but she recalled hearing from him of me and with some sleuthing she found I was here in the hills and she sent the photos here to me. Going thru several boxes of craft materials, music, slides, movies, notes, long gone in their usefulness and making an attempt to cut 'life down to size' I ran into items, names and events mentioned and these were added to the pile. As Mae and I had the fun of reminiscence she said one day, 'I've heard you mention so many people, places and events, that I've never heard of before why don't you organize them into some semblance of chronological order for us to give to Chuck.

1.9. Hicromy
Postcards, Brochures and Photographs in Black and White and Color

The Story of Eloquent Energy

JOHN H. GOODRUM

DWIGHT NICHOLS

Goodrum-Nichols Productions

2

Eureka Springs, Arkansas 72632

It has grown to 9 school-size loose-leaf volumes. It's been fun. But I've several gaps to be filled. I have little to show that I put in some adventurous years in Kansas City. What I might have saved for memory's pages must have been destroyed

when my camp on the Gasconade near Wayssville was destroyed. I have two shots taken at Estes Park, the only National conference I got to attend while serving there; two small pictures of the mess hall tent and the 500 scouts in formation at Noel., and one letter, from you, which I treasure, which you sent to me in 1935 when I received a Beaver award.

It's been a long, long time,-- 1923-1927 or thereabouts is sure ancient history. I have absolutely no contacts with anyone in Kansas City and I am reticent to write an Executive and ask him if there might be any possibility of securing some reprints, or even to borrow any existing negative of events so long past. I don't remember who did our photography, perhaps it was Henry Moore, but I would surely love to have a few shots of some of the things that we might have photographed. I wrote a letter to Norton Lustig, who once told me while visiting here that he did some volunteer work in the scout office, but I received no answer, so he might have passed on. I thought some one of the oldsters might go thru any old scrap books of those years and be able to say 'that happened while he was here!' If you have any suggestion I would deeply appreciate your help.

Names-- how I'd love to visit with old B.B. Thresher- George Truitt- Frank McKnight- Stern, Stein and Lustig. There was T.C. Hieronymous- and Bob Stich of KC Power and light, how we thrilled when 'Ki' had a class in a thing called 'wireless' and we did a one hour show from 4 to 5, on WDAF and scouts from as far away as Wyoming

would set fiddling with the 'cat's whiskers' waiting to get our 'tuning-in' number that Fitzgerald of the radio staff would play on the player-piano. And then letters would come back,--'I could hear you just as plain!' And before I left the boys were talking and exhibiting sets they called Super-hetrodynes. There was Dudley Smith, breaking a world's record for making a fire without matches-- 6 and three tenths seconds. Now that was something. Our boys setting a national record on wall-scaling! Little things took on big meanings back in those days. Eddie Stewart, son of one of our best volunteers, Dr. E.L. Stewart, when he was given recognition for being the first boy to have all the merit badges. And he got them the hard way!

Building model 30 inch yachts to keep interest alive in the Sea scout troop, and the excitement of sailing them on a Sunday afternoon at Swope Park.

Staging the first Indian Ceremonial, 'The Buffalo Ghost dance' using a hundred boys, and all the bowtowed shetland ponies we could get from concessionaires of pony rides, the little fellows and 'squaws' dragging in the travois loaded with miniature teepees.

Funny, how little things stand out, and many important events lose their significance.

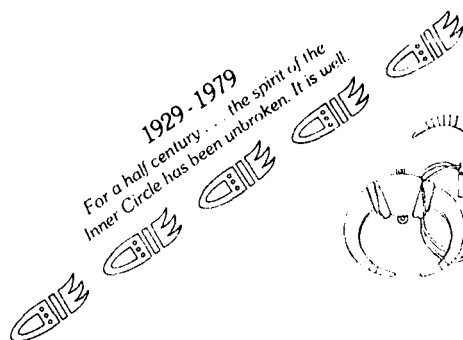
Would love to hear from you some time, altho I know you must be as involved in many things as you always have been. What a great influence you have had on so many, many of whom you will have never known personally. Wish you could come down some day this spring and watch spring come into the hills. We'd have to take turns on 'Do you remember?', but what a day it would be.

Hope you can read this rambling note, it has been interrupted several times, once by five old boys and girls (now retired) from Chaunte, Ks, who have bought property in the Table Rock area, I haven't seen them since 1937. A chap from Chi., here this afternoon.

with sincere affection, *Bernie*

Vol. Four of the Eloquent Arts -- Postcards, Brochures and Photography in Black and White and Color

1974 - 1980



TRIBE OF MIC-O-SAY
HEART OF AMERICA COUNCIL, B.S.A.

April 6, 1979

TO: All Chiefs and Chieftains
Tribe of Mic-O-Say

FROM: Merle L. McConnell, Chairman
50th Anniversary Promotion Committee

It is our plan to display the pictures of the chiefs and chieftains of the Tribe during the 50th anniversary feast. These will be on display in the Great Hall after which we will combine them in a volume for preservation.

Since we would like for all pictures to be as uniform as possible, we have selected the 8" x 10" format. Merle Walker will be taking these photographs for those of us in the Kansas City area. They are to be taken from the waist up. Do you have a costume? If so, please wear it. But if you do not, a head-dress, fan, aprons, ribbon shirt and choker will be available. If you plan to wear these, please wear a plain colored shirt and dark trousers. Chieftain's necklace should be worn.

Sittings will be arranged by Merle. His number at the studio is 221-3189. Please contact him to arrange a time. Deadline for this is May 1, 1979.

For those chiefs and chieftains who do not reside in the Kansas City area, we request that you have such a picture taken or send us a recent picture which could be enlarged to 8" x 10". Mail to Heart of America Council, Boy Scouts of America, 2 Gateway Center - Suite 1017, Kansas City, Kansas 66101.

The 50th Anniversary celebration will be one of the highlights of the year. We are urging every chief and chieftain to be present for the feast on June 16th (in costume if possible for the new Chieftain's ceremony). If you have not been receiving "Cedar Smoke" let me know and I will get you information regarding reservations.

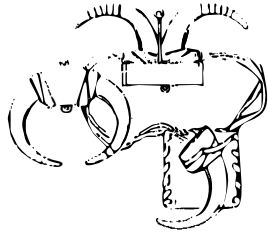
Twin Silver Moccasins

Chieftain Twin Silver Moccasins

Encl. List of Chieftains

Five bear claw steps suggest the five decades of Mic-O-Say and the influence of Chief Lone Bear.

The Story of Eloptic Energy



TRIBE OF MIC-O-SAY
HEART OF AMERICA COUNCIL, B.S.A.

COUNCIL OF CHIEFTAINS

HONORARY PRESIDING CHIEFTAINS:

1930	Chieftain Lone Eagle	<u>Herman Henricl</u>	Deceased
1931	Chieftain Standing Rock	<u>Walter Everley</u>	Deceased
1932	Chieftain Strong Lightening	<u>Walter Negbaur</u>	Deceased
1933	Chieftain Speaks True	<u>Oscar Thomas, Sr.</u>	Deceased
1934	Chieftain Iron Bear	<u>Frank Gentry</u>	Deceased
1935	Chieftain Lone Moccasin	<u>Judge E.E.Kirkland</u>	Deceased
1936	Chieftain Giant Buffalo	<u>Walter Kroh</u>	Deceased
1937	Chieftain Loud Thunder	<u>George H. Charno, Sr.</u>	Deceased
1938	Chieftain Gold Star	<u>Herbert P. Brown</u>	Deceased
1939	Chieftain Catchum Wampum	<u>Elmer L. Hughes, Sr.</u>	Deceased
1940	Chieftain Strong Elk	<u>Michael Onofrio</u>	Deceased
1941	Chieftain Blue Fox	<u>J. R. Battenfeld</u>	Deceased
1942	Chieftain Blue Wampum	<u>Nathan Rieger</u> 1119 Walnut, K.C., Mo. 64106	
1943	Chieftain Chained Lightening	<u>T. G. Hieronymus</u> Lakemont, Georgia 30552	
1944	Chieftain Friendly Elk	<u>Rollie B. Hall</u>	Deceased
1945	Chieftain Guardian Eagle	<u>H. J. Massman, Jr.</u>	Deceased
1946	Chieftain Strong Tree	<u>Edmund Wilkes, Jr.</u>	Deceased
1947	Chieftain Smiling Sun	<u>Howard P. Anderson</u>	Deceased
1948	Chieftain Blue Sparks	<u>Jack P. Whitaker, Sr.</u>	Deceased
1949	Chieftain Speaks Wise	<u>J. C. Bond</u> Unknown	

1974 - 1980

1950	Chieftain Red Fire	<u>Charles Czeschin</u> 1530 W. Holly Blytheville, Ark. 72315	
1951	Chieftain One Who Waits	<u>Homer E. Paris, Sr.</u>	Deceased
1952	Chieftain Oak Tree	<u>Judge Ray C. Cowan</u>	Deceased
1953	Chieftain Horn Bill	<u>J. Claude Vance</u> 5011 W. 57th Terr. Mission, Ks. 66205	
1954	Chieftain Big Red Thunder	<u>Elvin K. Luff</u>	Deceased
1955	Chieftain Big Leaping Star	<u>John W. Starr</u> c/o R.B. Jones P.O. Box 1364, K.C., Mo. 64199	842-1230
1956	Chieftain Roaring Red Flame	<u>Joseph E. Johnson</u> 33 Sycamore Hill Rd., Bernardsville, N.J. 07924	
1957	Chieftain Big Watcher of the Moon	<u>Carlos Cortes</u> 1523 Broadway, K.C., Mo. 64108	842-6170
1958	Chieftain Big Black Panther	<u>Lowell R. Johnson</u>	Deceased
1959	Chieftain Heat Moon	<u>Ralph Trogdon</u> 914 Commerce Bldg., K.C., Mo. 64106	421-3355
1960	Chieftain Whistling Beaver	<u>James Daleo</u>	Deceased
1961	Chieftain Makes Teepee Safe	<u>Art Reppert</u> 1930 Kings Highway Liberty, Mo. 64068	781-4733
1962	Chieftain Gray Sky	<u>George Charno</u> 1107 Commerce Bldg., K.C., Mo. 64106	842-4275
1963	Chieftain Spark of Fire	<u>Lee Reeder</u> 828 W. 53rd Terr., K.C., Mo. 64112	221-1464
1964	Chieftain Big Creeping Fox	<u>Elmo Kreisler</u>	Deceased
1965	Chieftain Day Rider	<u>James W. Stephens</u> 10700 E. 50 Highway, K.C., Mo. 64138	353-5018
1966	Chieftain Tail Golden Corn	<u>Edward H. Mader</u> 12012 E. Oakridge Road Indep., Mo. 64052	252-8534
1967	Chieftain Big Dancing Red Flame	<u>Col. Lester B. Wikoff</u>	Deceased
1968	Chieftain Herb Seeker	<u>W. Bryant Upjohn</u> 6701 Valley Rd., K.C., Mo. 64113	333-1943
1969	Chieftain Mighty Elm	<u>George W. Brown</u> 307 Corder, Lee's Summit, Mo. 64063	524-0853

The Story of Eloptic Energy

1970	Chieftain Strong Red Circle	<u>A.H. "Red" Cromb</u> 3007 W. 67th, S.M., Ks. 66202	362-4134
1971	Chieftain Soaring White Eagle	<u>Roy Degenfelder</u> 10700 Westport Rd., Indep., Mo. 64052	252-1612
1972	Chieftain Strong Healing Hands	<u>Dr. Wilbur T. Hill</u> 839 Hillside, Liberty, Mo. 64068	781-4244
1973	Chieftain Big Crested Eagle	<u>Norman Gordon</u> 1100 Traders Bank Bldg., K.C., Mo. 64106	221-5072
1974	Chieftain Twin Silver Moccasins	<u>Merle McConnell</u> 905 W. 6th, Lee's Summit, Mo. 64063	524-3616
1975	Chieftain Rustling Grass	<u>Reed Kenagy</u> B-K Supply Company 432 N.E. 32nd St., N.K.C., Mo. 64116	452-1888
1976	Chieftain Long Legs	<u>Cliff Tozier</u> 306 Huron Bldg., K.C., Ks. 66101	371-4322
1977	Chieftain Wind In The Leaves	<u>Tom Higgins</u> Twin City State Bank P.O. Box 3160, K.C., Ks. 66103	362-5350
1978	Chieftain Fading Red Cloud	<u>George Lieberman</u> 6025 Metcalf Lane Shawnee Mission, Ks. 66202	677-5050

CHIEFS OF MIC-O-SAY:

1929	Chief Lone Bear	<u>H. Roe Bartle</u>	Deceased
1955	Chief Swift Eagle	<u>Charles E. Henion</u>	Deceased
1956	Chief Guarding Eagle	<u>John O. Shanks</u> 4607 Bedford Blvd. - Forest Hills Park Wilmington, Delaware 19803	
1960	Chief Bright Flame	<u>Ebert H. May</u> 10508 Wedd St., O.P., Ks. 66212	888-4249
1965	Chief Driving Rain	<u>William E. Burns</u> 3719 W. 30th, Topeka, Ks. 66614	
1969	Chief Crazy Eagle	<u>Daniel H. Wheatcroft</u> 2 Gateway Center - Suite 1017 K.C., Kansas 66101	321-5151

The following men have been named as Honorary Chieftains for special recognition. They are recognized voting members of the Council of Chieftains.

Chieftain True Heart	<u>Sam C. Reaves</u> 209 Brush Creek Blvd. Apt. 102 Kansas City, Mo. 64112	531-2744
Chieftain Sign Maker	<u>Ed Wright</u>	Deceased
Chieftain Yellow Calf	<u>T. Byron Hunt</u> 7356-50 Ave., N.E. - Seattle, Wash. 99195	

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Honorary Chieftains cont'd:

Chieftain Hunting Moon	<u>Don C. Baldwin</u> 2925 Minnesota Avenue,	321-9683 K.C., Ks. 66102
Chieftain Broad Oak	<u>Joseph E. Macy</u> 4102 Spring Oak Dr., Cincinnati, Ohio	45230
Chieftain Many Eagles	<u>Lorne W. Barclay</u>	Deceased
Chieftain Great Eagle	<u>Walter W. Head</u>	Deceased
Chieftain Curly Hawk	<u>E. D. Modlin</u>	Deceased
Chieftain Swift Spear	<u>Finley F. Fiske</u> 28 Swanage Drive Belle Vista, Ark.	72712
Chieftain Curly Buffalo	<u>I. W. Wall</u>	Deceased
Chieftain Crow Moon	<u>John L. Marshall</u>	Deceased
Chieftain White Bear	<u>Dr. L. G. Soule</u> 512 N. Murray - Apt. 8116 Lee's Summit, Mo.	524-1652 64063
Chieftain Lone Star	<u>Wallace "Pappy" Grube</u>	Deceased
Chieftain High Red Eagle	<u>Alden Barber</u> Unknown	
Chieftain Quiet Falling Rain	<u>F. William Lewis</u> 2 Gateway Center - Suite 1017 Kansas City, Kansas	321-5151 66101

1979 PRESIDING CHIEFTAIN

DIRECTING CHIEF

Chief Crazy Eagle	<u>Daniel H. Wheatcroft</u> 2 Gateway Center - Suite 1017 Kansas City, Kansas	321-5151 66101
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The Story of Eloptic Energy

10-19-80

It is with great sadness
that I inform you of the sudden
passing of your daughter and my
wife Velma on Sept. 29, 1980.

Velma's mother asked me to
do this.

I am grateful that my
beloved suffered no pain and that
I was by her side as always.

Sincerely,

Wayne Schuyler

1974 - 1980

BIRTHDAY 24/05/1942

DR. PAUL LOUIS LAUSSAC
RUA GOITACAZES 90 APT. 203
TELEFONE 2242513
BELO HORIZONTE - MINAS GERAIS
BRASIL

FARM ADDRESS:

DR. PAUL LOUIS LAUSSAC
ALAMEDA LAUSSAC 18 - DARREIRO DE CIMA
BELO HORIZONTE - MINAS GERAIS - BRASIL
TELEFONE 3352934

AMERICO JOSE LOBO GONCALVES

ENG. AGRONOMO

CHEFE DO LABORATORIO CEN.
TRIL DE PATOLOGIA VEGETAL
RUA GUSTAVO SARMAO 723/504
LEME-RIO-RJ 257-1643
CEP-20.000 TEL.

Lualpa Laussac

Rua Goitacazes - 90/203

Bele Horizonte Minas Gerais
(30.000) Brasil

Tel - 224-2513

to a most
admirable person
I have ever met

Greeting from a
incomparable trip

Your friend
C. M. J. J. J.
JAN/1976

Maria de Jesus

Quil. Machado
21387894
Esplanada do Bigua
99 (Alto de Boa Vista)

The Story of Eloptic Energy



INSTITUTO DE PARAPSICOLOGIA
DO RIO DE JANEIRO - I.P.R.J.
20.000 Rio de Janeiro
Prof. Mario Amarel Machado
Diretor
15 agosto 1929
Rec.: 2/387894
Rua São Francisco Xavier, 420 Fone: 248.4735

CONSULADO GERAL DOS
ESTADOS UNIDOS - R. PADRE JOAO MANOEL, 20
SAO PAULO, SP, CEP 01000-000

ROBERTO D. PLOTKIN
ADMO CULTURAL

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34-5390

Dr. Rudge Ramos
MÉDICO

Praca da Sé n.º 399
3.º andar - conj. 302

Fone: 32.6613
São Paulo

Centro Espírita Camilhos Irá Verdade

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Prof. Mario Amarel Machado
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BRASIL: CAIXA POSTAL 20660, SAO PAULO, S. P., CEP 01000

MAURO PINHEIRO
President

PSYCHOTRONIX INTERNATIONAL CO.
Advanced Nature Concepts

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Prof. Sílvia de Oliveira

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São Paulo

1974 - 1980

ADVANCED SCIENCES
RESEARCH and DEVELOPMENT CORPORATION, Inc.

T. G. HIERONYMUS
DIRECTOR

May 25, 1976

LABORATORY NO. 2
P. O. Box 109
Lakemont, Georgia
30552

Capt. R. L. Skillen
Room 205 Building 93
Washington Navy Yard
Washington, D. C.
20374

Dear Capt. Skillen:

Attached you will find a copy of my letter, dated Oct. 18, 1954, to Mr. Donald A. Quarles, Assistant Secretary of Defense, and the brochure that accompanied that letter. After over three months of delay, during which time Mr. Quarles made no request for further information, he wrote the letter dated Jan. 26, 1955, a copy of which was furnished to you while you were here in Lakemont, Georgia.

Sincerely,



T. Galen Hieronymus

TGH:jet
enclosure

The Story of Eloptic Energy

October 18, 1954.

Mr. Donald A. Quarles.
Assistant Secy. of Defense.
Washington 25, D. C.

Dear Mr. Quarles:

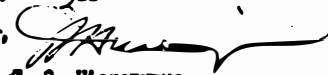
Senator Williams kindly sent me a copy of your letter to him dated Oct. 13, 1954, and this is in compliance with your request for a copy of the patent and other pertinent data.

The attached brochure will give you some idea of the scope of the material and a few ways in which I believe the idea can be of value in the military program. There are, of course, many others.

Page four of the report especially covers a very important item of military interest and I commend it to your attention. The first part of the report covers the more scientific aspects of the subject.

There will undoubtedly be many questions and ideas to be discussed and I await your suggestions.

Sincerely,


T. G. Hieronymus.
1024 N. 31st Road.
Hollywood, Florida.

cc

Senator John Williams, Delaware.

1974 - 1980

ELOPTIC RADIATIONS

* * *

A BRIEF DESCRIPTION OF RESEARCHES BY

T. G. HIERONYMUS*

INVENTOR AND GRANTEE OF BASIC PATENT NO. 2,482,773,
ENTITLED, "DETECTION OF EMANATIONS FROM MATERIALS
AND MEASUREMENT OF THE VOLUMES THEREOF" AND OTHER
PATENTS BOTH ISSUED AND APPLIED FOR.

* * *

* Fellow, Institute of Electrical and Electronic Engineers.

Fellow, American Institute of Electrical Engineers.

Honorary Doctor of Philosophy, U. S. P.

Senior Member, Institute of Radio Engineers.

Registered Professional Engineer, State of Missouri.

Licensed by Dept. of Commerce, Radio Telephone First Class.

American Born Veteran of World War I, Rainbow Divn., A. E. F.

Graduate, Officers Training School, Langres, France, 1918.

* * *

(Report to accompany letter of Oct. 18, 1954
to Donald Quarles, Asst. Secy. of Defense.)

The Story of Eloptic Energy

ELOPTIC - A newly discovered form of energy.

The discovery has been made that every isotope of every element of material matter gives off or is surrounded with a radiation or field of energy. This is not in any way related to Alpha or Beta particles or Gamma radiation as understood by physicists. For the sake of brevity and to avoid confusion, this radiation has been named ELOPTIC and a basic patent has been issued, by the U. S. Patent Office, covering its use. Similar patents have also been issued by Canada and Great Britain.

Eloptic energy may be conducted along electrical conductors and devices and obeys some but not all of the laws of electricity. Eloptic energy may be reflected, refracted, focused, and manipulated similarly to light and may also be conducted along light rays. Because it obeys some of the laws of both electricity and optics, it has been named Eloptic, a word coined from the first two letters of electricity and the word optic.

Eloptic energy obeys certain laws just as each other form of energy obeys certain laws. Not all of these laws have been uncovered or observed so far, but enough is known so the energy may be utilized in many ways.

Not only have the laws of behavior had to be discovered, but insulators, conductors, means of detection, means of measuring quantity or intensity, and many other features were discovered or devised as we went along. This has delayed progress in the utilization of the discovery in industry. Much is yet to be done in further improving the operation of present apparatus but we are far enough along that we have a very useful tool by which almost anything in the material world can be analyzed and its contents determined.

All of the research thus far has been done quietly, without publicity, and little has been done to bring this discovery to the attention of orthodox physicists in universities or in industry because we did not have enough information to be able to tie Eloptic radiations in with accepted ideas

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* 2 *

of physical phenomena. We feel that we now have such information, and while it is not complete and we do not have all the answers to all questions that might be put to us, still we have sufficient proof to lay before any open-minded person who is willing to try it out and try to prove that such radiations exist and may be successfully utilised.

Each isotope of each element radiates and the Eloptic energy shows a different frequency for each. Combinations of elements that form molecular patterns radiate an Eloptic frequency for each different pattern. In the analysis of Benzine and Toluene, the various molecular groupings were observed. Those that were similar in the two materials came in at the same frequency. Thus, if the frequency pattern of knowns is established for reference, the frequency pattern of an unknown can be determined and compared to the pattern of the standard for quick analysis.

Anything in the material world is subject to being analyzed, whether mineral, vegetable, animal, human being, solid, liquid, or gas, simply by utilizing the frequency of the Eloptic radiations from the object to determine the contents. Only a tiny bit or fraction of a gram of unknown material is required for the analysis and the sample is not in any manner disturbed or destroyed by such analysis, nor does the sample have to be irradiated or treated in any manner whatsoever, to prepare it for analysis.

When Eloptic energy from a material is caused to refract through a prism, it behaves in a manner similar to the refraction of light except that the rays emerge from the prism at a more acute angle.

Energy from Beryllium, the number 4 element, emerges from the prism at less than 10 degrees from the prism face, while the energy from Bismuth, the number 83 element, emerges at an angle of over 60 degrees to the face of the prism. These refraction angles depend upon the prism material, prism angle, the angle of incidence, etc.

The Story of Eloptic Energy

* 3 *

Over half of the ninety-six well known elements have been worked with and all obey the same laws and react the same way in that they all radiate Eloptic energy and may be analyzed. These cover gasses, liquids, and solids and range from Hydrogen, the No. 1 element, to Thorium, the No. 90 element. Naturally, the elements easiest to obtain in relatively pure form are the ones we worked with most.

A series of seven elements, Titanium, Vanadium, Chromium, Manganese, Iron, Cobalt, and Nickel, were used for a very detailed analysis and from this, it was definitely determined that each isotope of an element gives off Eloptic radiations and that the frequency of the Eloptic radiation is inversely proportional to the contents of the nucleus of the isotope.

The number of protons in a specific nucleus was determined and this number was multiplied by the established proton weight value of 1.00758. The number of neutrons in that nucleus was multiplied by the established neutron weight of 1.00894. These two values were added to get a weight factor that indicated the relationship of total units in the nucleus without reference to binding energy factor. This procedure was followed for all the elements in the series.

These seven elements were each analyzed for Eloptical radiation peaks and the dial settings for these radiations were plotted against the weight factor of the isotopes. The attached chart shows the way everything fits perfectly together. There are four cases of isotopes of different elements but with a similar number of nuclear particles and they plot correctly in each case. It should be noted that radioactive isotopes behave the same way as non-radioactive isotopes except that the distance that Eloptic energy extends out from a specimen is greater for the radioactive isotope. E.g. from a specimen of Gold, the stable isotope radiated out about five inches while the radioactive isotope radiated out to fourteen inches. It varies with the specific element and the specific isotope.

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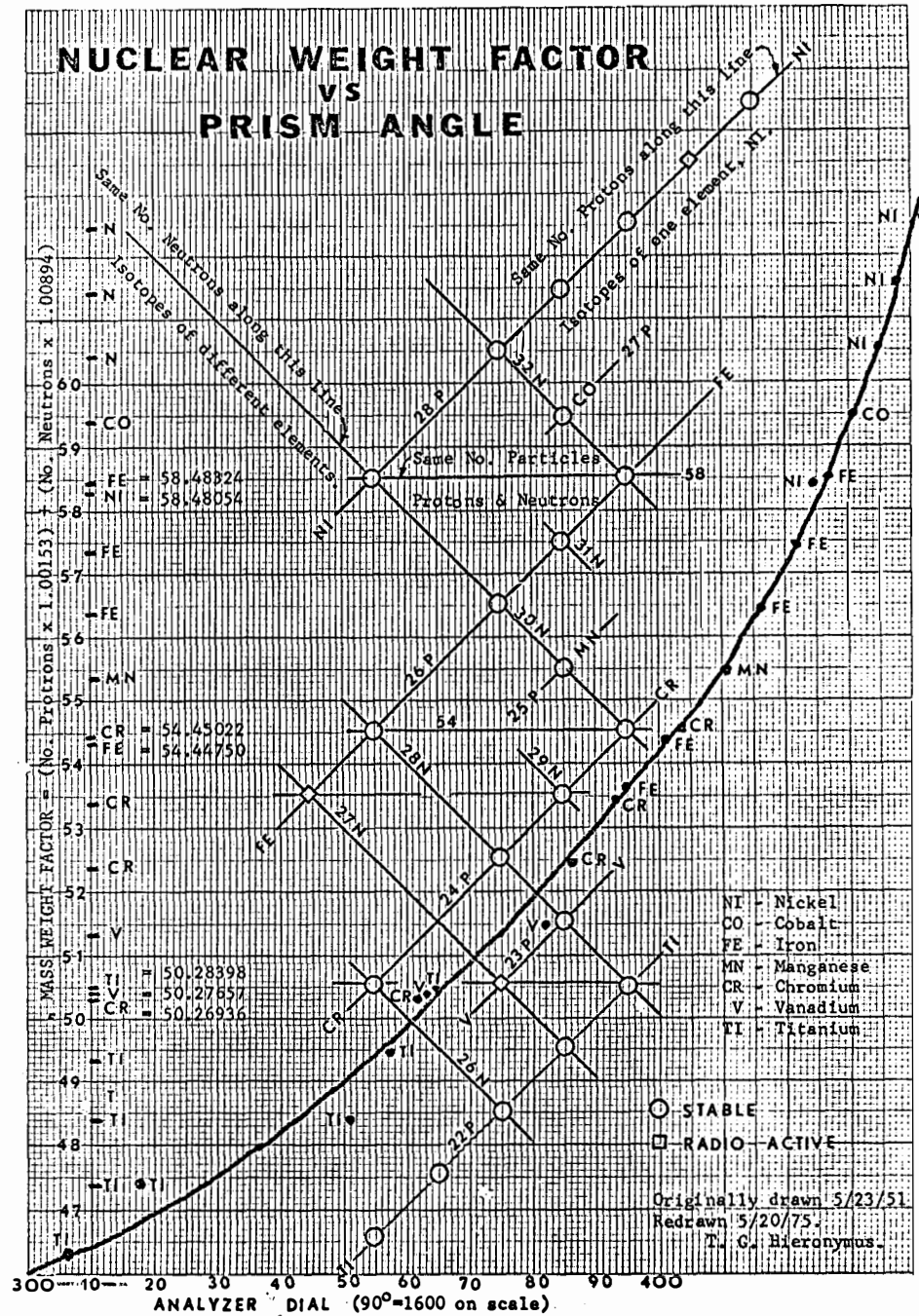
* 4 *

An observed phenomena that is of great military interest is the fact that the Eloptic radiations from objects photographed are conducted along the light rays and also implanted on the film. Again, when light is sent through the film, some of the Eloptic effect is carried over and implanted on the print. The objects photographed can be analyzed by use of the energy radiated from the photograph (either the film or the print).

As an example, a large mass of iron in the form of a gun or tank might be under a pile of straw, or otherwise camouflaged, or a naval vessel might be camouflaged by growing trees in tubs on deck, making it impossible to detect by presently used methods. However, the Eloptic energy from the iron would be carried by the light rays through the camouflaging material and implanted on the film in the camera even though such rays are invisible to the eye. By placing an electrode on the film or print at first one spot, then another, and conducting the Eloptic energy into an analyzer adjusted to the frequency of iron, the location of the tank or ship could be determined.

The same procedure could be followed to locate concentrations of troops under camouflage, buried ammunition dumps, gasoline tanks, etc. Eloptic radiations, such as from the above examples, can be utilized directly. To determine this, we fitted an electrode onto the eye piece of one barrel of a pair of binoculars, and connected it by Eloptic conductor to an analyzer set to detect the radiations from copper. When the binoculars were directed toward copper power wires up in the air, using the other barrel for sighting, we were able to pick up the radiations from the copper wires. Thus, it is readily apparent that the device might be used for aerial reconnaissance.

The Story of Eloptic Energy



1974 - 1980



Charles T. Turley, Mph.D.
Magnetobiochemical Research Specialist
1070 Post St. Apt. 1
San Francisco, CA 94109

11/1/79

Dear Dr. Hieronymus:

Thank you so very much for your efforts to assist me in losing my excess weight and in helping me quit smoking cigarettes. Both have already been very successful. I am losing about two lbs. per day now, on a steady basis and my smoking has been cut in half. All I can say is your ability to influence a persons Logoidal energy fields in a beneficial manner are very effective. God bless you.

After my last tel.-con. with Ms. Gran two weeks ago, we had agreed that the best time for me to visit you would be after the first of the year. By then I will be in a good financial position to afford the trip.

I would appreciate your assistance with an introduction of me, via mail, to Rev. Paul Solomon. I would like to establish regular correspondence with him, but do not know his mailing address and felt that his being a friend of yours would make for a more proper introduction, if you could inform him of my past work, my future desires in research and my desire to establish a regular pattern of correspondence with him.

Two questions please, before closing this letter. (1) Do you feel that aging is the result of matter loosing energy through superimpositions of changing telluric and cosmic fields ? (2) Is it possible to use your devices to detect pending earthquakes, through arial photography ? If so, I would like your assistance in developing such a technique, as a result of the pending danger here in my home area.

Enclosed, please find my Christmas card to you and with my best wishes to you, your family, associates and friends I look forward to your reply and I am,

Respectfully Yours,

Charles T. Turley

Charles T. Turley, Mph. D.

The Story of Eloptic Energy

GENERAL SERVICES ADMINISTRATION

Region 6
1500 East Bannister Road
Kansas City, Missouri 64131



June 6, 1977

Mr. T. Galen Hieronymus
Advanced Sciences Research and
Development Corp.
P. O. Box 109
Lakemont, GA 30552

Dear Mr. Hieronymus:

Thank you for sending me the three documents on Nieonic Energy, Eloptic Emanations, and Tracking the Astronauts, plus the "I Am Decree" and Ford's Prayer. I enjoyed all of them and found them intensely interesting. Your papers are very well written with exceptional clarity. It is unusual to find technical papers so easily readable.

I was discussing your experiments with a friend who has been retired a good many years. When I mentioned your name he said, "Why I know him. He used to attend 'I Am' meetings in Kansas City." My friend's name is A. Ross Patrick, better known as Pat. He also mentioned a Ballard and a Bill Caseer (I am probably misspelling Caseer, but that is what it sounded like) who were also very active in "I Am" work years ago. Pat, who is 85 years young, and his wife Edna drove to Cincinnati, Ohio, last month to visit their daughter and son-in-law, proceeded to drive to Florida for a few days, then back home. Some trip for such senior citizens to make, don't you think? Pat said he wished he had known where you were in Georgia before they left and they would have stopped by to see you on their way to Florida.

As we discussed on the phone, I would like to assist you if I can. Your work is such that I think the Government should support it. Frankly though, we will have to bridge a communications gap that makes the Grand Canyon look like an irrigation ditch. Minds that have spent a lifetime being molded by the academic and scientific communities into conventional thought patterns feel threatened by any new body of information that challenges the laboriously acquired conventional knowledge that is their security blanket. The standard defense is a closed mind. I believe the best way, and it may well be the only way to bridge this gap, is to "spoon feed" the scientific and academic establishments by exposing only a small portion at a time of your theory and methodology that can be detected and observed by existing techniques and apparatus. Like the farmer teaching an orphaned calf to eat by pushing its nose into a bucket of milk and shorts; once the calf gets a taste, no further urging is necessary.

Keep Freedom in Your Future With U.S. Savings Bonds

I think some of the recent developments in the ancient art of Chinese acupuncture can be developed into a presentation vehicle that will be acceptable to the scientific community; that will provide evidential phenomena which can be detected and observed with conventional scientific "tools." Consider the following:

1. Photographs of the human aura show the aura increases in intensity when the subject looks at bright sunlight. The author of this experiment states, "apparently the subject is absorbing energy from the sunlight through his eyes increasing the intensity of the aura."
2. If I recall our conversation correctly some 23 or more years ago, you said that sunlight contained the energy you were experimenting with.
3. The meridian treatment points on acupuncture charts coincide precisely with the aura intensity points revealed in photographs made in experiments conducted by Dr. James Roland of Kansas City.
4. Japanese scientists have developed rather elaborate electronic acupuncture treatment apparatus that can detect field intensity at the meridian points. The degree of intensity registers on conventional meters.
5. Using the Japanese apparatus, Dr. Roland charts the field intensity at the various meridian points on a patient and from that develops the acupuncture treatment that is administered to the patient.

In the light of items 1 through 5 above, it would seem that ^{the Nieonic} ~~your~~ Nieonic energy amplifier could charge a subject's aura to greater intensity and the Japanese acupuncture apparatus could detect the increased aura intensity at the meridian points. The increase in intensity would register on the instrument meters. In other words, the human body would be functioning as a transducer linking your Nieonic amplifier and the Japanese aura detecting apparatus. Members of the scientific and academic establishments could then witness visual evidence of the presence of Nieonic energy registering on a conventional meter pointer and scale.

Additional backup evidence could be provided by variations in aura intensity revealed through the photographic technique being used by Dr. Roland and his colleague to photograph aura meridian points. Incidentally, Dr. Roland gave a series of lectures in Japan over a 30-day period starting in mid-April. He casually mentioned he had been able to photograph the meridian points and this caused considerable excitement. He refused to

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give details of the experiment pending publication of their paper in a scientific journal. He had to promise them a copy of the paper as soon as it was published. The university held a surprise ceremony to confer an honorary degree on him the afternoon of the last day of his visit.

Prior to receiving your packet of information in the mail, I had asked Dr. Roland to read the "Saga" article and had discussed same with him. He is a very open-minded person and was intensely interested. He asked, "Would Mr. Hieronymus sell us a machine or rent us one so that we could experiment?" We were in agreement that we would be reluctant to have someone attempt to build a machine based on the information in the Saga article and in your patent. He (and I) felt "it would be working in the dark and there would probably be techniques of application we would need to learn from you." He said, "See if Mr. Hieronymus would be interested in working with us and, if so, perhaps we could go visit him and see his machine." Accordingly, I am relaying his words to you for your consideration.

I believe other parts of your Eloptic theory and principles could be separated from the whole to provide the basis for research projects acceptable to the conventional scientific mind. Some years after I visited with you and Mrs. Hieronymus, your name came up in the course of a conversation I had with C. Earl Hovey. As best I can remember the conversation went something like this. "Did you go look at his bean plants?" "No I didn't." "You should have. He grows beans in his basement without benefit of sunlight. He has those plastic plates in the soil of all the boxes of beans except those boxes he uses for comparison purposes (control boxes). The boxes he broadcasts his energy into grow healthy plants and they actually pick beans from them. The plants in the control boxes come up, little pale things, curl over and die." Hovey also mentioned a small boy (I believe he said he was the son of a sports reporter for the Kansas City Star) that you cured of Leukemia.

The ability of Eloptic energy broadcasts to support growth without direct sunlight should be of interest to the Energy Research and Development Administration (ERDA) which is currently funding research in photosynthesis with the hope of developing a practical biochemical process for synthetically converting sunshine to energy. The U.S. Dept. of Agriculture is always funding research in plant growth and their scientists and grantee scientists should be interested in having a tool that would permit plant growth in an isolated environment free of the uncontrolled energy (sunlight) variables attendant to growth in a natural setting. Presentation

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of these fragments (and others) of Eloptic theory and practice would need to be made in mundane terms completely isolated from any reference to the underlying theories and Astral considerations. Once these researchers began producing results unexplainable in terms of current scientific and academic knowledge, there could be no turning back. Soon the flow of reports between research groups and universities, results of one group "duplicating" the experimental results of another, etc., would shatter the current credibility barrier and start a new scientific Renaissance.

I am obviously very enthusiastic about your discoveries and their potential. The only point upon which you and I appear to differ, judging from our recent telephone conversation, is the emphasis or lack of emphasis you appear to place on the use of Eloptic energy in the field of health treatment and cure. I would give this aspect number one priority by a wide margin. I see ill health as the number one bane of humanity. Right now my elderly mother is in extremely poor health and has been in poor health for over 40 years. I feel any method that offers solutions to such health problems should be the focus of the most intense developmental efforts our society can generate.

I don't want to oversell my ability to promote acceptance and support of your Nieonic energy apparatus and methodology by the Federal government. I have suffered too much frustration coping with the "organization mind" to think that penetrating the attitudinal barriers surrounding these minds will be easy. Nevertheless, I have some fifteen years experience helping people promote new products and processes within the Federal government and I can honestly say that my peers consider me one of the best in the business.

I would like to assist you in any way I can. Please let me know if you would be interested.

Sincerely,


F. HOWARD WHITELEY
Regional Director
Business Affairs

The Story of Eloptic Energy

SERVICE SPECIALISTS

JOHN & GRETTA FRYE
1905 West 6200 South
Bennion, Utah 84118
30 August 1976

ADVANCE SCIENCES RESEARCH FOUNDATION
MR. T. Galen Hieronymus
P.O. Box 109
Lakemont, Georgia 30552

(801) 966-6868

Dear Sir:

Myself, and associates, among whom are engineers, scientists and men of integrity are presently engaged in research & development in the areas of (1) Wind energies, Solar energies, Orgone, "L-force" energies including those of Pyramids and other geometric configurations.

We have read with great interest, accounts by various authors, those things you have accomplished in the field of Psi-onics. We feel that in some areas these writers were overly enthusiastic, however it appears to us that you have developed something that has a tremendous application in the areas of agriculture, the geo-physical and environmental.

No doubt you have received letters and communications from every type on most every level of approach concerning your efforts. The only way we can establish a viable rapport with you would be in person to person contact. If you feel to communicate with us, we will endeavor to arrange to meet with and discuss these various fields in great depth with you.

Very truly yours,

John Frye
John Frye

JF/gf

Encl: S.A.S.E.

cc: Steve Gregory

1974 - 1980



Flames of revenge cook a banana-leaf packet (left) of poisonous bark and an intended victim's "essence," such as nail parings or feces. The Gimis attribute most death and illness to rituals similar to this, initiated by men seeking to avenge the death of another.

**FERTILITY RITES and
SORCERY in a New
Guinea Village.** by
Dr. Gillian Gillison.
NATIONAL GEOGRAPHIC
Page 124-July 1977.

The Story of Eloptic Energy

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327 N. E. 20th Terrace

Miami, Florida 33137, U.S.A.

Telephone 573-3967

October 14, 1975

Dear Galen,

Mark and Yolanda say a fond hello! They had been informed of Louise's passing and were saddened to have her gone; Yolanda particularly sends her thoughts of love and encouragement frequently.

I am presently a full-time staff member here at Mark-Age, serving as the medical director of the research division of Healing Haven. My medical studies were completed in Syracuse, New York and included specialty training in psychiatry. Radionically, I studied with Mark Gallert while he was in England. The two enclosed reports will give you some idea of the work at Healing Haven over the last year or so.

Naturally through Mark and Yolanda I have heard of your work with radionics. I had hoped to attend the conference that you spoke at earlier this year - the U.S. Radionic Congress I believe it was called. But my duties here kept me too engaged to allow me to leave. But had I gone I would have enjoyed meeting with you and discussing your work.

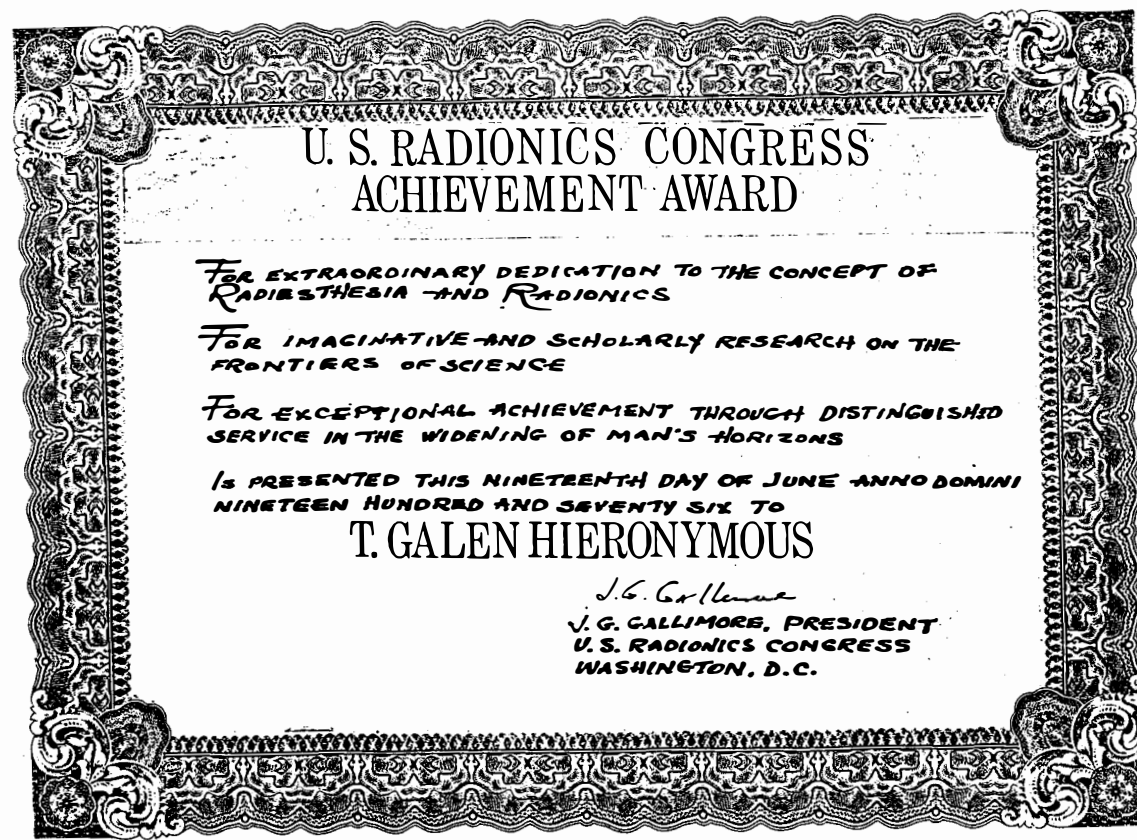
This brings me to the purpose of this letter. In our Healing Haven files we have your report on the radionic findings of the astronauts that you published. But, we are interested in the other work that you have done including that with plants, insect control, and industrial applications. By 1976, we hope to expand our present research into these areas and expect to have more staff members who would do such work. Therefore, we would hope that you could send any reports of your work in those areas. We would also be interested in any information concerning your work in radionics in any way.

I look forward to hearing from you and hope that sometime we might meet to discuss radionics and other such endeavors.

Love in action,

Robert H. Knapp, M.D.

Robert H. Knapp, M.D.
Healing Haven



The Story of Eloptic Energy

Ralf Schaffranke, 207 57th St. Apt. B
Virginia Beach, VA 23451

SEN. RESEARCH CONSULTANT

Listed in "NATIONAL ENGINEERS REGISTER", Engineers Joint Council, N.Y.

Feb. 1 st, 1980

MEMBER

American Institute of Aeronautics and Astronautics,
New York, N.Y.
Forschungsbereich fuer Geobiologie,
Munich, Germany

Dear Galen :

Just a short note to inform you that I am in contact with
Ross in Lakemont, have not given up, plan to be back your way in March.

Have a meeting scheduled with a flight crew member of the French CONCORDE-
SST next week, looks promising with a chance to obtain a contract from Aerospatiale
Comp. in France. They are loosing money with their star- plane (fuel consumption
too high) and are willing to look into some of the more exotic potentials for an
aux. electric corona discharge propulsion modification.. a la " ether- effect ".

Was in Nashville 3 weeks ago by plane, wanted to rent a car to see you, but
Hilde fell on the ice, broke her wrist, pretty helpless, back to work now again.

So I am tied- down again, for the next few weeks anyway.

Charles called and told me about your decision not to testify in his
hearing. I understand. Charles applied cowboy methods with his publicity campaign.
I like him a lot, but everybody has to make his own experiences.

Well, give my thanks to Sarah and keep well. Will see you in March, I hope,
for final settling down in the South. It's about time too !

Love to all,


Ralf and Hilde
Hilde



X

Advice to an Eloptic Energy Student

"Spend time with your Gray's Anatomy and take it a section at a time and give yourself a project of covering the whole thing in a six-month's period or a year. Get in mind the anatomical makeup of the individual so that you'll know what is meant when you talk about the spleen or the thymus—a general idea of what it is.

Where to begin? You mention the word radiesthesia and I think you should consider some basic things here. You know we live in two worlds. I wrote a little treatise on this and I'll give it to you. You have the physical octave and then we have the astral world, and we're living in that at the same time. When you are thinking about what I am saying, what is the physical aspect of thinking? It isn't physical is it? It's another world. The emotions are not physical.

Do many people believe what you believe? I said at the Psychotronics Convention that Gallimore was making an error in insisting that the emanations were coming from the electro-magnetic realm.

He's looking at it from the physicists' standpoint and it just won't fit; it won't fit. You know what we did with the astronauts, don't you? Alright. Here we were and we tuned into them, and they were a quarter of a million miles away, and the signals were just the same as they had been when they were 300 miles away in Cape Canaveral. The reaction was the same. The signals were no weaker, but with radio they have to be at terrific amplification to pick up the radio signals from that distance. That tells you that we are not dealing with the same thing as radio, and radio is in this electromagnetic spectrum. What we're dealing with is over here.

Let's start now with some basic fundamentals and this you will want to transcribe and have for reference. I mentioned on Saturday that I want to get some

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terms and some factual data corrected because as I told you there are many names for these energies we want to talk about. Reichenbach called it Odic Force. W. Reich called it Orgone Energy.

Do you know what I mean by an Isotope of an element? In this chart on the wall here are all the elements that make up our chemical understanding of the physical octave. Hydrogen is number 1. Then Helium is number 2 and Lithium is 3, Berilium number 4. And you go up the line to 10-Antimony, Iodine and you go clear up the line until you come to GOLD and Mercury-79 and 80, and then you get into all the radioactive. An energy radiates out from these elements and that is why they are called radioactive.

There is energy emanating from these that are shown with squares. These are radioactive and manmade more or less. They are artificial, more or less. This is a disintegration backwards down to LEAD or Bismuth. Radium disintegrates and gradually goes back to lead again.

Let's go back for a moment. We are getting into quite a deep thing that we will have to cover in order to get a basic understanding. There are 3 basic building blocks of the Universe. The electron, the proton and the neutron. Now the electron is negatively charged; it is a small device and it's spinning. The proton weighs over 1800 times as much. It's positively charged but has an equal amount of charge, that is one electron and one proton are negative and positive and equal, only opposite, you understand.

The neutron acts as if it were a close marriage of the two because it's neutral. The positive and the negative neutralize each other and it manifests no outward appearance of charge. That is why it is called neutral or a neutron. Now, an element is made up of—all the elements starting with Hydrogen, which is a gas—of these combinations. Now, if you look at this chart over here, this represents the electron and here is the proton in the nucleus. Now this electron is orbiting around that and at a very high speed. It's actually not moving in a nice smooth orbit but is oscillating like this, sort of spiralling. Now that combination there produces the physical element Hydrogen. Hydrogen is the smallest element we have in the physical world. Now we have the neutron shown as this here. When you put a heavy hydrogen; you've heard of heavy hydrogen? Well heavy hydrogen means that there is one of these in the area. There's a neutron right along side of this proton and it makes it twice as heavy, because there are twice as many units in the nucleus, see, and yet it has only one electron because in a balanced unit there is always the same number of negative charges as there are positive charges or protons. No matter how many neutrons there are, that doesn't carry a charge. It only holds weight and no charge.

Advice To An Eloptic Energy Student

Now here's a heavy hydrogen and you notice it has the extra unit in it here. Now in the case of Helium, helium would not only have two electrons and two protons but it also has 2 neutrons in it so it weighs . . . 4 units. It has 4 times as much as the hydrogen does . . . hydrogen, a unit of one. And deuterium is not a unit of 2 but it weighs twice as much. You go by the number of electrons. Now in the case of Helium, helium is the 2nd element. It has 2 electrons and 2 protons and 2 neutrons so it weighs 4. Now let's go to that other chart. We have a little scale here that I want you to see. You take these two protons and the 2 neutrons and you take the weight. They have been weighed and the weight of 2 protons is so much and the weight of 2 neutrons is so much. All protons have the same, or a standard weight. And add that all up together and you get a mass weight of these 4 units. When you put these together in a Helium nucleus such as you had here you notice that these two positive charges are clumped together. Ordinarily, like charges repel each other, but they are not repelling each other and do you know why? It is because some energy has been removed. And so when we put them together in the form of a helium nucleus, the same number of parts. We take some energy away from them. Some of the energy is pulled out, then they bind together.

What causes the energy to be withdrawn? How do we accomplish that? That is a natural process. Otherwise they would repel each other, you see. So the helium nucleus doesn't weigh as much as the components of which it is made. Because it has lost energy. It has lost that amount of energy so the helium nucleus weighs 4.00820 while the other is 4.00304. Look at the difference here—.00516 mass units has been removed. Now that's what makes this stick together.

Yes, the removal of energy has made the rest come together, otherwise they would have repelled each other. If we have a disease that is made up of everything in your whole body—and all the disease and everything are made up of all the elements—if we have something like a tumor, for instance, that we don't want, if we put energy into this, equal to this amount here, then these will repel each other and it will fly apart and cease to be a helium nucleus. It will just be the individual components. Get that? Now that is basic, so if we have a tumor and we can find the frequency of the tumor we can put that same kind of energy in, out of phase, 180% out of phase, it will just disintegrate and fall into parts. The parts of the building blocks are used in the body. Once they are separated and regain their own individuality, the body can use them because they are no longer in the wrong form. The body needs them. That's right. It's something that has already been done or made up and you take it apart. It's a foreign substance, or form, or scar tissue or growth or something that doesn't belong.

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You put energy into it to break it up into its components. Then the tumor ceases to be a tumor. Now let's look at the parts. These are the things that the rest of the body is made of, so it just uses the rest. It's natural. Just like something you can break apart. You've got the pieces to use over again, constructively. Do you get the idea of the thing? Now this is very important because that is how we work on disease.

We take energy right out of the thing we don't want and turn it around and use it against itself. That's how all these treatments are made. Even drugs are picked so as to produce an effect, sometimes they are poisons and sometimes they are not, but just to give you an analogy, you know what a purgative is? A lot of them are poisons which the body tries to get rid of. That's why poisons are used very often. Sometimes we poison people because we don't have any other way, we don't know any other way to get rid of it.

Let me explain it this way, we'll say that here are 3 things. To know anything about this you have to know about this, and to know anything about this you must know about this, and so on. Where to begin? All right, now, we are starting right in the middle, aren't we, and isotopes and so on. All knowledge is based on something else. All knowledge (everything you've ever learned) has been in reference to something else. You say you're tall. There are people taller than you are so then you are short with them, aren't you? So you see what I mean. So what I'm trying to say is that everything is referred to something else. So we have to know a little bit about the reference in order to understand the thing that we are trying to refer to it.

There is nothing good or bad in the Universe. Now let me prove it to you. If you were in noonday sunlight 24 hours a day, day and night continuously, and somebody asked you, what is Light? How would you explain it? You couldn't explain it, could you? That's all you'd ever had. You wouldn't have anything to refer to. You have to experience darkness in order to know what light is. All right. What is Good? It is the same thing. It is a degree of good. You have to understand what bad is before you can understand Good. How else are you going to know? I consider that there is only one sin and that is to disavow the Great Creator. It's the only one there is. If I inadvertently harm you, that's not a sin. Now it could be if I were to say, oh gee, that was fun, I think I'll do it to someone else. That's not right. It is wrong, isn't it? So we've got some reference points there, haven't we? We can understand Good because we can refer it to bad. We say that something is hot. What does that mean? Well, it means that it is hotter than something that isn't as hot. So everything is a reference. Everything is referred. Anything we do is referred. It's the same thing with what we are doing here. And if we get over into analysis you're going to find that there are certain things in the body makeup and in the normal action where

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you're going to want to be in the middle of the line.

Now, for instance, just to give you an example, the energy that comes in at 22- and 77- on the instrument. 22- is HYPERtonicity and 77 is HYPOtonicity or low. If you're taking some of these people that are drumming their fingers and tapping their foot, moving around, and they can't sit still for a minute, check on 22- and you'll find a too high reading. You take another lethargic person, and they're dull and just want to sit, then you'll find a high 77. You want them to be either. You want them to be in the middle. See what I mean. Now, you shift from one to the other and can shift a person from one to the other. You can do the same thing with a number of things in the analysis field and you will find that if something is low and you raise it and get it too high, it's equally as bad.

Assuming right now that the person has come to you for help, is there anyone whom I cannot help? Yes, definitely. Why? Because they will undo. I think I sense what you are saying. They will undo daily what you are trying to do for them. Now if somebody is eating something that is causing them trouble and you try to treat them and they keep on eating the same thing it is like re-infecting yourself. You know what I mean? You have to help to educate them. Half of a doctor's job is to re-educate his patient. It's important that you study the patient's habits and attitude and food and all kinds of things in order to find out what it is that they are doing wrong.

You know that it is well stated that America is the best fed and most undernourished nation on the globe. Now that sounds like opposite statements in the same sentence, doesn't it? But we are fed the wrong foods. Junk food, it's called. Now that's one of the things you're going to have to get into, too, watching the effect of various kinds of foods. We are addicted today to almost everything synthetic. You know they give drugs to cattle in order to make the meat tender. It's artificial. You know that when you were a youngster Vanilla was probably one of your favorite flavors. You know it's almost impossible to get now-a-days. It's all synthetic. Now for the juice with which they made Atar of Roses . . . now synthetically made. All the perfumes are synthetically made. You can't afford to use the real thing, it's too much trouble. You can do it so easily chemically. We are living in a completely artificial world. That's why doctors are needed with new techniques because the poor people are being fed wrong foods. They are living in the wrong environment. Everything . . . almost synthetic and wrong when you get right down to it. And so a doctor has to be a philosopher and a minister and a consultant and a phycologist and a little bit of everything in addition to the medical side so you see what you're letting yourself in for.

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If you have anything the least bit wrong, you find out what it is and correct it and then leave yourself alone. Nature takes care of things. So if you get a little bit off, you let nature take care of the situation. If you do that, you'll really be in good shape. I can testify to that.

Most of the people without energy . . . well, there are a lot of reasons. I told you one a moment ago . . . the 22- and the 77- the HYPO and HYPER tonicity. Good health and reasonable right eating . . . I don't eat the right foods but once in a great while. I watch starches and I stay away as much as I can from cake. Everytime I eat cake I get in trouble because we checked baking powders some years ago and only found one that was good for people and some natural sugar used today. It's all artificial. Most of the sweetening today in cooking is corn oil.

The ISOTOPES of all the various elements emanate an energy. The electron and the proton emanate energy. All these devices do. An instrument such as mine can tune into those emanations. Now you can call that more or less the physical way of approach, but you can also use your mental and emotional abilities, if you've trained them, to ask questions and get answers. There are various ways you can do that. Let me give you an illustration. We'll say that you are using a pendulum or a forked stick or a dowsing rod and you want to find out whether there's any water down here. You're walking over the ground and you've said to yourself, now I want to find some good water, and I want an answer, yes or no, if there is any water. You're saying that and then you're going along with whatever you're using and you're holding your attention on water. You have to hold it steady on water and then you get to thinking, I wonder if I'm going to make that date tomorrow, or will so and so come who is supposed to, or your mind begins to get off here and you pass right over where the water is, and then you think, oh-oh, back to water. Now radiesthesia is like that. If you're not concentrating completely, you miss the boat.

When you set the dials on an instrument, that is not going to change. It's not going to change. It's going to stay right there. It becomes the equivalent of concentration. See what I mean? It's fixed. And you're going to get an answer or you're going to measure the amount on your instrument, on your intensity dial of what that is, and you'll get your reaction at that point, but you don't concentrate on it. In fact, what you want to do is to keep your mind passive and not think in terms of, I wonder if this person has cancer? Or do they have so-and-so? You don't do that. You set the dial and let the instrument give you the answer. Now it isn't going to lie to you. But if you're trying to override the instrument, and a powerful personality can override the instrument, I call them dishonest operators. They don't recognize it, but it's a fact, because they force the instrument to give them an answer that isn't true by

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overriding what the instrument wants to give you. If you had a specimen in here; there's energy emanating from that specimen, and these dials are like the dials on a radio set; they tune to a certain station. The specimens represent all the stations that are broadcasting, and you pick out a particular one. How many parts do you have in your body. You've got a lot of them. You want to measure the heart so you set the dials for the heart, and now that instrument is only going to give you an answer yes or no. The heart is there. It isn't going to give you the value on the lungs or on something else. So that's the difference between radiesthesia where you have to concentrate and hold the mind. If you're good at it there is nothing wrong with it. It works within those limits.

Then we go back to the make-up of our material world. First of all we said the building blocks are the electrons, the protons and the neutrons. Now these are emanating energy. We've got a lot of snow out here and you decide to go out there and make a snowman. A snowman is made out of snow. He takes on a shape and a personality, but he's still made out of snow, isn't he? Now the snowman represents something you have made out of it. See what I mean. Now electrons and protons and neutrons are made out of material, but they've been given a special shape. They are spinning and those little things shown as round dots up there are actually spinning at a high rate of speed, like a little top, and the direction of their spin has a lot to do with their characteristics. Well, who started to think spinning in the first place? It's an interesting question, isn't it? And what keeps it spinning? You know nothing runs forever. It's the energy that goes in that keeps it spinning. That same amount of energy has to come out or else the thing will get hot, won't it? All energy that is put in with nothing coming out . . . will get hot. That is the end result. Unless the energy comes out in work. Energy keeps that electron spinning and a certain amount comes out and it is that which we pick up. It comes out. The material of this watch is emanating energy right now. It isn't deteriorating as a result. It isn't radioactive. In radioactivity, energy is thrown out and it keeps getting less and less and less. But the energy in this watch is emanating out here several inches. You can set the dials on the instrument for gold, and you can tell whether or not there's any gold in this.

We have talked about my experiment with SILVER which was mentioned in the Secret Life of Plants. I discovered then that the silver was emanating an energy that they don't understand when they go hunting for treasure or for Uranium using an instrument, that the energy can travel along and then come out of the ground in another place. I didn't mean in the case of the silver experiment that the energy was rotating.

In the case of a person or a body you've got a specimen of that person and so you

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are in contact with them. It is just as though you were touching them. Now I can touch you with a wire and run the wire up to an instrument or I can take a saliva specimen from you; it's a direct contact. So I'm dealing now with the specimen of you. But when you're out in the ground it is open, wide open. It is everything. It's a little difficult to get all the features of this.

Yes, definitely. Then we got back to the silver experiment. If this silver were up there on the table, insulated, then it would build up an aura around itself and that would be that; but when I buried it in the ground I put it in a good conductor. The ground is a conductor and so the energy of the silver was conducted to the northwest, and then it came out of the ground there. That's a natural phenomena that we had to learn. Don't get confused because you see it was the ground that was conducting it.

But why did it come out here and not up here? There was ground everywhere. Because there were three forces acting there. You have the coreal force of the rotation of the earth. And the phases of the moon that are affecting it, and you've got the earth's magnetic field. All these things are affecting the energy that is out in the ground and loose. But in the case of an instrument here we concentrate directly on a direct connection with the individual, animal, or plant.

Now if you're out in the ground, on the ground, and in contact with the ground, it can affect your energy because that can be conducted through the earth. On the other hand, when you're here on the floor, you're insulated, you see. The energy is not being transmitted away. Now if we wouldn't pick you up until we got close, and then we'd pick you up, you see. That's the important item.

Now there's an item . . . we're recovering too much territory, really, but we'll come back to them. Here's the case of a baby who is ill. The baby is crying. The mother brings it in and you're going to see what's wrong, so you take a specimen of the baby. The mother is holding the baby, so you're getting the mother all confused with the baby. That's the point. You must have her lay the baby down. Then you can get an analysis of the baby without the mother's. You find that out very quickly.

I mentioned the fact that the elements emanate energy. All right now, let's take table salts. You know what table salt is? Yes, it is sodium chloride. Right. It is sodium and chloride. Sodium and chloride are two elements we find up there. And you take ordinary distilled water. You know what that's made out of? H_2O , yes, well. Yes, it is 2 of Hydrogen, and Oxygen. Ok. They are two elements, aren't they? So now we have added something new. Here we have the hydrogen and the oxygen and the oxygen emanates energy as oxygen, but when you put those two together, in addition, they emanate a resultant which is water.

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Do you know what your liver consists of? Probably 30 or 40 elements. You divide it all up and get tested in a chemical laboratory, you'll find hydrogen, oxygen and nitrogen. You'll find all kinds of elements and you'll find some of the metals and things in there that individually are there, but collectively they make what you know as liver. Now we want the rate for liver, so we look in our list and find the rate for liver. Now that is the total of all these things. You see, that's where your H_2O , the H, 2 of them, and the O come from. If you look at the combination here it consists of one hydrogen molecule and one oxygen molecule. If you look at the list you'll find that in the nucleus where all your protons and neutrons are. The first element in the list is hydrogen which has one proton, and the next one has two and it has two electrons. Each one is negative and they repel each other. One may be going one way and the other another way, you know, but they're in orbit and won't come close.

Now that's the largest number that will ever be in what's called the shell of Helium. Lithium has 3 protons in the nucleus and three electrons. This other one is out in a bigger orbit . . . and then the next will be that same distance out and so on up until you get 8 and then that one is filled.

Now, what is filled? The shell. You can have a maximum of 8 in that one. In the first one you can have a maximum of 2. The first shell is 2, the second layer can have a maximum of 8. But in this particular case there are two missing, to be full. So we have only 6 in this shell and we have a missing place or an empty place here. One missing here and another missing just opposite it.

Let us talk about the Metaphysical Forces. Oh, I think you have to go way back and try to interpret Biblical statements, and statements from other teachings and religions. The religions are very often vastly distorted. So you have to do a lot of studying and reading between the lines. I've tried to come up with a model of the universe as I tried to see it, pulling together as much of the factual data as I can find and screening out the absurdities and the obviously wrong theories and ideas. This is strictly my own opinion, but I think in the beginning, or way back, a long way back, the Great Creator decided to give free will, and he has never yet interfered with that free will. Now that means you can do things constructively or destructively if you choose to do so. There are naturally individuals in the physical octave right here today who are destructively oriented. Those who would rather steal from somebody else rather than make the same effort in trying to help themselves.

There are those who may start out constructively, and then for some reason they become highly destructive in their intent. Are you familiar with the interesting stories of Dr. Foo Man Chu? There are those who have progressed greatly and then for some reason or another something soured them against humanity. Then they

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have developed in an opposite direction, in a negative way. Now that happens both in the physical and in the mental octaves, or rather in the physical and the astral octaves. There is no difference, really. You just lose the physical body, but the personality, the real you is the same whether in the physical or not. Now let me finish this or else we are going to get off on a tangent. I'm trying to develop a line of thinking here. Those on the other side of the veil, without a body, if they are negatively oriented and want a body, they will try in one way or other to influence one in a physical body. In some cases they have been known to actually drive out, push aside, the real you, the lower middle self, and take over the body. They use their influence on the individual to get them to do things which they wouldn't otherwise do.

Now there is no question that what I am saying is true. There is all kinds of evidence of it. But you can forget about what our orthodox religions say about Satan and the devil and Hell and things of that kind.

Everyone himself makes his own Heaven and Hell. And there isn't any particular place that is so designated and inhabited by little red devils who run around with little pitchforks. That is a figment of the imagination. But people can get themselves into a state where for all practical purposes they are almost in that situation. Their own emotions will drive them crazy. There's no question about the fact that those on the other side, if they choose to, can come back and either completely take over a body here, drive out the traveling pair (the lower and middle selves) for loss of a better expression, and completely take over. There are cases where they would take over for a period of time, and then allow the real self to come back in; and thus you have the dual personality. Then you get the person who can be very lovely at times and then, very negative. You'll find that situation.

There have been known cases where there have been as many as 6 or 8 entities from the other side that have actually taken over and attached themselves to a body on this side. Are you acquainted with the work that Dr. Henry Mandel has been doing? Have you ever listened to any of his tapes? I have listened to many of this tapes. He has removed literally thousands of entities from people who were possessed. That has been a lifework with him. He's done a terrific job. Also, he has brought into this plane of communication lots of discarnates, who are not possessing anybody, but who are wandering around lost because they don't know what to do. He has corralled them and sent them into what he calls "progression." Where they can continue the way they should. "Putting them into the light" is another way of putting it, depending entirely upon the advancement of the individual as to what state they are able to go to. I think I've covered what you asked me, about possession. You see it's not just one state.

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One of the most diabolical places that you can go to is a bar where the lights are so low, and you can hardly see, and everything is either red or black (or being under drugs or the influence of alcohol). It's a direct invitation for entities. There are many on the other side who are addicted to drinking, who died under those conditions. They can't satisfy their emotional hunger for drink in the astral, and so they attach themselves to someone in a bar and get them to drink so that they can have the emotional response. It may be only for the moment, as long as you're there. If you get up and walk out, they'll leave you alone. On the other hand, there are other cases where they have attached themselves, and then when you leave, you've got an entity! Those are the undesirable conditions. Anger and fear are the two most devastating emotional conditions we can get into. What's the difference between hate and anger. I think there's quite a difference, but anyhow, hating someone or being angry with someone or with some situation, or being extremely fearful is a wide open invitation for trouble.

The best way to protect yourself is the way we were taught in the I AM movement. In the early days of it, in the 1930s, I went to dozens of their 10-day lectures. I used to arrange radio programs for Mrs. Ballard. They always said to keep yourself surrounded at all times with a wall of light. Now, that's not understood by a lot of people. Do you remember the sparklers we used to use on the 4th of July? You know what they look like. They are little intense sparkles of light. Very intense. You will continuously know that you are protected with a wall of light made of that, not just something white like the paper. That's dead. These are alive and scintillating. But here's the point, if you know and you know that you know it, then it's yours. But if there's any question in your mind about it, then you might as well forget it. If there's any doubt in your mind as to whether or not it is working, it's of no use. I don't care where you go and what circumstances you're in, if you know that you're protected, then you will be. That's the opposite of fear. Because fear will undo it. The use of the Violet Flame daily and continuously is the most desirable thing. One, to protect yourself. No, that black light, or slightly ultraviolet light that we use in the room with the instrument is different. It is the first cousin. It will take care of the air and it will keep entities away because they don't like it. They don't like this ultraviolet.

You visualize the Flame. It is not in the physical. You don't see it here. It is actually visualizing of yourself being in a deep blue-violet flame as if you are standing up in a flame. Did you ever read the book SHE? It's a very famous one and she maintained her youth by standing in a flame.

Visualize yourself all of the time as being in a violet flame. Coming up from the

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feet and being all around you. What that does is to dissolve everything negative in your aura. That's the most desirable thing you can do. And then if you put that wall of light around yourself, you'll keep negative things from coming in. However, the wall of light can be punctured by an instant of extreme irritation or of anger.

If you sustain a shock and are fearful, you are punching a hole in your protection. You have to try to not do that any more. After all, we're here to learn; we're human and are here to make mistakes and learn by them. You don't want to put yourself in a shell and shut yourself out from the world. Be continually protected and KNOW that you are protected. Now the KNOWING is your own confidence in your own ability and in yourself. If you're operating an instrument or trying to help someone else, or driving down the road, if you can be conscious continually of this violet flame and the wall of light around yourself . . . did you ever see the chart from the I AM movement?

From pictures I have seen and people I've talked to who are acquainted with them . . . the analyzing instrument is just an elaborate form of the Abrams resistance type device. The resistance type was the first one, and it is subject to change because the resistance does not stay put, they vary; and the reason I went to the variable condenser is because unless you hit it with a hammer, you are not going to do much damage to it. It will not change.

The word "stabilize" is completely misused there. Using magnets is something else that has effect, and it's very much like taking all the different shapes you can think of, like the Genesa and the Pyramids and Magnets and all kinds of things that have any effect on energy, and putting them all together thinking that if one is good, a whole bunch of them will be better. And you can get yourself into a mess. It's like, the old general who got on his horse and galloped away in all directions. Now that sounds silly, but a lot of people try to do that.

I have a tape someplace in which magnets were mentioned. It is said that the magnet in itself does nothing except concentrate. If you are a healer, and you haven't any other modality, and you want to intensify, you can hold a magnet in your hand with the north pole out. It will collect your own energy and intensify it into a beam, but it in itself is only doing that. The best illustration is to take a lens and go out into the sunlight. If you hold a piece of paper up to the sunlight you are going to get a certain amount of light on that piece. Each little bit of light touches the paper in its own particular spot. If you take a lens, we'll say, that has three square inches of surface, you can then focus it and set that paper on fire, by focusing the heat from the sun in this way. You are taking the energy of the sun in a 3-square inch area and concentrating that down to a point. You haven't made something new. You've only

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taken a lot of sources and put them together into one. You see what I'm trying to get at? Now that's what a magnet will do, and a magnet will pull your energy in and concentrate it. It will be more effective if you particularly need or want to, but I wouldn't even bother with that method. I think it's a very crude method of doing things. The word "stabilize" is completely a misnomer. It doesn't mean anything.

So when we speak of De La Warr, we are talking about resistance methods, or resistance type instruments as opposed to the variable resistance type.

I don't want to go into the Radionic type of equipment; all of the English stuff, almost completely, is resistance type.

I can show you pictures of resistance type instruments that I built and I discontinued building them because I know their frailty and their shortcomings. During the second World War, I had a workshop in my basement and two men who came there moonlighting. They worked for an aviation company. They came and worked for me for 4 hours every evening. I was doing some construction, and a number of doctors found out that I had a shop. They had trouble with their instruments. So one of them would send me an instrument . . . "Will you please work this over and put it in shape?" I had these two young men do that. The word got out and the first thing you know I had several instruments in there at a time. Year before last when I was getting ready to go to Indianapolis to the Conference, I was looking for some things to take along, and looking over some files, and believe it or not, I found a notebook similar to the one you have right there, that one of these boys had kept. When an instrument came in he'd have a number on a page, and he'd put a sticker on that instrument and on it would be Dr. Jones and the number 16. He would write that down with the address of the doctor and so forth. Then he would take this instrument apart and he wrote down in this notebook all the things he found wrong, and then at the bottom he would put the number of hours that he spent on it and the materials he used so that I could bill the doctor for the work we did. I found that old notebook. It was interesting that it told of all the troubles that they found with these. They were all resistance type instruments. Not only that, for some reason I got about 7 or 8 of the units out of these that they happened to take out because they were defective, that didn't get thrown into the trash can. I've still got them.

There are 3 types of resistances you can buy on the market. If a resistance has no color code on it, it is within plus or minus 20% of accuracy. No, that means that in 100 ohms resistance would be anywhere from 80 to 120. That's a terrific range, you see. The next are silver bands. Now here are some silver bands. It has a silver band around it. That means it is plus or minus 10%, and that would mean that a 100 ohm resistance would be anywhere between 90 and 110, which is still too much for error.

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Now if it's a gold band, then it's a plus or minus 5%, which means that it would range from 95 to 105. Now this costs a certain amount, this 20% type. They probably cost as much as 10 times as much as this cheap one. Now these are inaccurate. The construction here is very poor, the way this has been put together. Now these were taken out of instruments.

Now, as an example, they would have a row of dials and you've seen these types with a whole row. Maybe this is 0-1 and this is 1 and this is 10 and this is 100 and this is 1000. That's the way they are: the decade. And some of these instruments, a lot of them, had as many as 9 dials in a row. Just a decade like this. They would put them together all of one size supposedly, and then this would be the 100 ohm place, but instead you'd find it somewhere else, and you'd find this one over here. They were just carelessly put in there because they'd make these up and then solder the terminals on. They'd be all wrong. We found them that way. Careless construction. And yet still working.

When you start out with this and measure it you'd find that it would measure a certain amount. If you'd lay that aside for two years and then come back to it to re-measure it, you'd find that it had changed, because CARBON is not stable and that's what these are.

And carbon is always used in these resistance types? If you go through and test these you'll find that they are not the same... with age. I went through all this. That's why I won't use them. I just don't want any part in it. I can show you pictures of instruments that I built with the resistance type. I did it because I was forced into it. After working with it for a few years I found that they were not dependable. I just don't use them and I don't want any part in them. My work in the beginning was strictly research. I was experimenting to find out what things did and how they operated. I wasn't interested in manufacturing something to make a sale. And then I was upshd into it. A doctor sat down on my desk and wrote a check for \$1000 and said, "All right now, get busy." Well, that was the beginning of my going into the instrument business. He had a big practice. I made 18 instruments for him. Anyhow, that's another story but it illustrates something. And I don't want any part of any of these English instruments.

"What about Mark Gallert's instruments?"

That's an inductive type. It won't vary, but I don't like that system. You see you have a whole row and you have to remember all those numbers—all of them. How many do you have to remember of mine? Just one or two.

I don't like to get into knocking some other device except that I will not have anything to do with the resistance type. I know because I built them. Just forget them.

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They are not dependable, because you try to work out a rate on an instrument and get a different rate from a condition just because the instruments are not calibrated. They are not the same. And that's how we got onto this. Doctors were having trouble. One doctor would be using a certain rate for a certain type condition and the other one would say, "Well, I can't do that. I tried that rate but it won't work. I find that this works." And it's a little variation, and it's because their instruments are not the same.

And yet, on the other hand, as Bob Beck pointed out, it seems to be largely thought that makes these things work. In many cases he found that the doctors were getting good results with their instrument and yet on further examination he had found that the whole instrument, or some of its vital parts had all rusted out. This proved to him that it was a different energy being used. The doctor's KNOWING that it worked seemed to make it work.

OK. All right. We are back to radiesthesia. IF you are powerful enough and can concentrate and put out enough energy, you can accomplish things without any instrument whatsoever. But I haven't seen anybody yet who could do that, dependably. Dependably, I say. You can do it often but you can't do it dependably. If you leave an instrument alone and don't try to over-ride it, it will give you the true facts.

So you could say that the reason that I do not like the resistance type instrument is primarily because they are not reliable. They are not accurate, not precise, and this is what I am really after.

You can overpower an instrument and make it work. It isn't the instrument working then, it's YOU. Then you're back to radiesthesia.

There are people who are looking to get something for nothing. They don't want to pay for it. If they can get you, who have paid for something, to give that information to them, they are going to get it for nothing. I'm not out to make a fast buck. I have spent a lot of hours and a lot of years and a lot of hard work and a lot of money in learning the things that are in that book. And I don't propose to give it away to people who have no business with it. Now if they have business with it, they will get it the legitimate and proper way and that's it. I've copyrighted it. Almost every page is marked copyright.

Almost invariably people write to me wanting information about building an instrument. They want to start treating their families and their friends. Now doctors are licensed; they spend eight years trying to get enough information so they can go into practice. Someone wants to come in and do it without any training, and they can do a lot of harm. Not only that, but it's against the law, and the Food and Drug Administration has had 2 laws passed by Congress. One, that any advertising or a

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label on a bottle be construed to be equal to the medicine in the bottle. In other words, any advertising that I might do, or any instructions that I might write in that journal, are in the same class and considered to be the same as a label on a bottle. It comes under the Food and Drug Administration. Also, any device that might be built is construed to be the same as the contents of that bottle. So they put the instrument and the instructions in the form of a bottle and a label, and it comes under their law, and they administer it. That's how they are trying to get their thumb on everything. Now that's why this situation in California that just came up is the first breakthrough against that domination. Because of that situation I went out of business building instruments. I had a Food and Drug man in my factory for three months, day after day. I'm not joking; I know what it's like, you see, I've been through this. He came to get something on me, but I did it the other way around and made a Christian out of him. In fact, I think they had to send him to Siberia, really. We sold him 100% on what we were doing. That's another story.

Let's for example say that Bob Beck, who is a very gifted person, asks me a question about something in the directory. I know, he's told me already that you sent him all the notes on your Directory some years ago—not the finished product, but very similar information. In other words, you entrusted him with your rates at that time, so that I do know that you trust him.

We'll he's perfectly capable of getting a Directory for himself if he wants one.

I don't want my instruments copied because I know what people have done. They say, Oh, this is no way to do it. Why, it would be better if you do it so and so. Then they ruin it and make mistakes and get into trouble.

And if you spend a lot of time learning something, why should you give it away to somebody? Let them go and get it the hard way like you have. You're not doing it the easy way. Let them do it the hard way, too.

I'm going to go into the situation of agriculture and killing bugs. What is the difference between a bug on a tree and killing a bug in a patient?

Well, now that you mention it that way, I don't really see any difference except that with bugs and those things having to do with plant life, one tends to think in terms of ecology and of putting things out of balance in nature.

There isn't any difference. A tree is trying to grow and maybe it's a fruit tree and trying to furnish you peaches or apples. A bug comes along and eats and destroys the fruit and keeps you from getting it and harms the tree. A patient comes along who has a bug inside of him. He is sick. Are you going to say, "My conscience won't allow me to treat you, I'm sorry." With Dutch Elm disease (that's fungus in the sap channels that closes them up), the fungus is a growing plant. It's alive and gets into

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the sap channels and feeds on the sap and closes the channel up so that the sap can't get out to the limb.

Do you think it's right to kill bugs?

I was disturbed by it and asked Serapis Bey through Linda Love the same thing. I got positive and definite answers. I said I don't want to add to my Karmic debt. I'm working and trying to eliminate all my Karmic obligations. And I certainly don't want to add any more. I've been put into the position here of killing insect pests, plant pests and destructive pests. Now what is the situation? Is it alright for me to kill those pests? The answer came back. He said, rather than think in terms of killing, it would be better if you would look at it as . . . when you're destroying a plant pest, think of it as elevating them to a higher plane of evolution, because when you look at it, the big animal eats the small animal. That one eats a little smaller one, and that one eats a still smaller one. Each one destroys something that can't fight back. A bug gets on the tree and the tree can't fight back. Well, that was one part, and the other was, a long time ago I read someplace, and I wish I could remember just where it was, that the Powers That Be realize man was in such a desperate state, that something had to be done, and so they came to his rescue. I'm going to use a story. Jesus used parables. They were stories to illustrate a point.

Here's a man who is carrying a very heavy pack. That's his Karmic debt. And he's reached the foot of a hill in the road. He's down on his knees practically because of his heavy load. There's not a chance of his getting up that hill to go on. Along comes a Good Samaritan who says to him, "If you will do as I tell you, I will make it possible for you to carry your load to the top of the hill." He doesn't carry it for him. And the man said to him, "All right, I'll do anything you say." So the Good Samaritan took $\frac{2}{3}$ of the Karmic debt off his back and laid it to one side temporarily. He said, "Now, all right, get up and take what you have to the top of the hill and leave it and come back." Then he took half of what was left, and he was able to handle that. He took that up to the top of the hill and came back and took the rest of it up to the top of the hill. He made it. The Good Samaritan did not take away his Karmic debt. He did not assume it himself. He didn't say I will relieve you of it. He showed him a way out. I read that somewhere a long time ago. I'm trying to use that as an illustration. Mankind, through his negative construction of things and misuse of things, has accumulated an enormous amount of negative energy. We have a lot of it here today, too. Now, we have Free Will, and the Powers That Be are not going to come along, as our Baptist friends have said, now if you just believe in Jesus, then he'll relieve you of all your Karmic debts. That's a lot of hooey. There's nothing to that.

Mankind got himself, in a former civilization, a long time ago, maybe 150,000

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years ago or so, I don't know . . . but he got himself into such a situation that put him into a terrible state. So the Powers That Be said, all right, we will take this negative condition, all these negative thoughts and emotions that you have generated, and we will put that into the form of stinging insects which you will have to take care of some day, but it will relieve you of the situation so that you don't have to have it on your shoulders to carry. Now think of this. What good is there to a mosquito?

He said that before man started to harm his brother there was no need for any protective device, but when one man attacked his brother, the brother had to develop some means of protection. When the man came at him with a rock, he picked up something to act as a shield to keep from being hit.

Thus developed armor and weapons and it gradually grew and grew and we have it today. Bigger armament and bigger protection, bigger guns and more of them.

Plants are very close to humans. They are very fond of humans, but they had to protect themselves against animals and so developed spines and poisons and all kinds of objectionable things. They did it because man started it. A long time ago a man took a cactus that had spines on it. He just loved it and made it understand that no one was going to harm it. The cactus grew and put out offspring, you know how it does. He transplanted that with no cross-breeding of any kind, and just kept on loving this and, after about 4 or 5 generations, the cactus finally came out without any spines on it. Now it proves to you that this is true. You can try it yourself. In a year or so you could prove it. Get yourself some fast growing plant. It proves to you that the spines were not a necessity to the plant. It thought that it had to protect itself, and so it put out the spines. Now, it's the evolutionary process that everything has to evolve. The rocks gradually evolve. The water erodes the rocks down to dust-like particles and it becomes soil. A plant grows there and takes that soil into its system. Then some rabbit comes along and eats the plant and takes it into its system, and it goes on and on, doesn't it? It's evolution.

To make a tall story short, all the questions I asked and the answer that I got is that it will help in the evolutionary process. That is correct, but to be angry at something and want to kill it does you harm because of your attitude towards it. If you have a prayerful attitude in eliminating something that is destructive, then it's all right. Now, who is the most important on this planet? Mankind or bugs? Bugs are destroying the plant life. You know that statistics show that less than 20% of all the grain grown, which means rice and wheat and everything else, less than 20% reaches the consumer. The rest is destroyed. I'm talking about the grain that is actually grown. By bugs, rodents, poisons, all kinds of things. They're not doing us any good.

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So, about your attitude of improving mankind—if you're going to go into the healing arts, I don't care what method you use, you're going to have to destroy the poison or the disease or the tumor, or whatever, by changing its environment. I don't care how you are going to do it, but you're destroying it. You're destroying it and so you had better get out of that business unless you can change your attitude and understand that you're taking part in the evolution of everything.

It rings a bell. When you think of the cactus putting out the spines it is doing just what mankind did. So, it's your attitude towards it that is important. Now if you're taking part in an evolutionary process and you destroy something so that it can evolve, you are doing it a favor. I happen to be in a position of being a curious researcher who wants to know. I don't want to accept anybody's opinion unless it fits in. Now a long time ago I learned never to say, "I don't believe it." But you tell me something that is not one of my ideas and I won't say, "I don't believe it." I will say, "Look, I can't accept that, but I'm going to take this idea and I've got an invisible shelf up here, and I'm going to put this idea up on that shelf. Five years from now I might have to go and get that and dust it off and it fits perfectly, but if I say I don't believe it I am closing an emotional door." You'll either forget it or something happens, or for some reason you can't use it. So don't accept what I tell you just because I tell you unless it sounds logical and reasonable and fits in with your thinking. But give it that test. I do. I don't care who it is, I give it that test. And as an example, just because someone comes from the other side I don't accept it, and I'll tell you why.

A few years ago at the Lodge, we had Mandel there, and his little girl was there in a trance, channeling; one of the men from the office was sitting there with his eyes closed and someone who was coming through said he was Saint Germain and let out a yell to wake up this man. He said, "Don't go to sleep while I'm talking to you." Well, I was dumbfounded because I have heard Saint Germain a hundred times through Ballard and he never acted that way. And then later on we had a chance through another channel to ask who that was. And the answer was, it was an imposter! That's the way it goes. So you have to remember, when the phone rings and someone tells you something, you have to use the best judgement you can. Ask questions, listen to the voice, get ideas about them and make up your decision about whether you believe them or not. You don't know. NOW that's true of all information that comes from the other side. And it's true of what I am telling you. Now you can say, I believe he is honest, referring to me, and he's going to try to help me. I hope that's true. But I could tell you an untruth if I thought it was true, and be honest with myself, you see. I might answer a question the wrong way and give you the wrong answer. It

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might not be intentional to harm, but it might be that I'm misinformed, so you have to take everything I tell you that way. You've got to take everything you read and everything that anybody speaks to you about, don't you? You instantly decide, I believe that or I don't. I accept that or I don't accept it.

So, I've made quite a study of the philosophical side of things, not from just that standpoint. I'll express it this way and then I'll leave you. I made a model, a long time ago of the Universe. I tried to do this: Now if I were the Great Creator, why would I have done so and so? So then I'd dig in to try to find out what the cause of that thing was. Why was that? There had to be a reason. You see I think the Great Activity. No two arms and two legs, you know what I mean? It's beyond our concept, but he had a reason for everything that was done, so if we see something that looks like a stinging insect, you say now why on earth would the Great Creator do that? And some people ask, why did he put this burden on me? Someone has lost a baby. It's the most stupid thing to take that attitude. That entity probably committed suicide and had three years to go and had to come back on the earth to live three years. See what I mean? That was finishing out another pattern. Now that's what I mean by a model of the Universe. I've tried to take all kinds of information. I've sorted out my books over the years. I've gotten rid of twice as many as you can see there. They're in boxes stored or given away. I've had to boil it down to what is good for reference and so forth. There are a lot here that should be boxed up, too. But I work on the theory that if there's one paragraph in a book that I can accept, then I keep that book. I don't have to accept the rest of it. And if I tell you a hundred things and you can accept one of them that does you some good, you can discount the rest and it's worthwhile. Now that's my feeling about it and if you'll make up for yourself a model of the Universe . . . and you get a new idea and try to fit it in. Now if it won't fit, then one of two things, it is either false, or this one that you have here is false, or you have to take half of this away and half of this away and bring them together. In other words, you try to fit things in and make them fit. Do you know what I'm trying to say? That's the way I do. In science I find that it's very valuable to do things that way.

And I'll tell you something else that I highly recommend if you have a philosophy or a belief, bury it. Get rid of it. Because when you say, I believe this, you automatically say that you won't have anything to do with anything else. That doesn't fit my belief, you see. Now, medical people came along and they believed just the opposite, and what about the herb people? And what about all the various metaphysical healers? You see they're in a head-on collision with the medical people, you see. So, they can't all be right, but there's good in everything. And so if we can

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just pick that paragraph out of a book and take another paragraph out of another book, we'll begin to put together real, valid things. We don't have a belief or a philosophy. A French scientist, years and years ago said, "Toff with my cap and cape in the cloakroom all preconceived ideas, and then I enter my laboratory where I allow Nature to speak." Now you come in when you take off your hat and coat, and hang them up, and you leave behind all preconceived ideas and you go into your laboratory not to prove a philosophy or belief, but to allow Nature to speak, to tell you and to give you the Truth. You're not trying to prove anything. See what I mean?

Most research is done to prove a point, and if you work hard enough you can prove your point even though it's wrong, because you try the experiment that proves it and you won't try the other one that disproves it!

Tuesday, October 4th. . . PM, Lakemont, GA

Specimens

I want to get into some of the essential things and then I want to spend a day or a couple of hours or one day on the panel and the adjustments.

I don't like the word "witness," I hope you'll use the word "specimen."

I just got a brand new copy of this and I'm going to quote it. Max Freedom Long? Yes. I'm going to quote it at this point because it's appropriate. The shadowy body of the subconscious is what we're going to mention here, and its activity. "The shadowy body of the subconscious; it is the most dense of the three. It is of such a nature that it sticks to whatever we touch or perhaps see or hear. When we're removed from the contact it draws out a long and invisible thread of itself which connects one with the thing contacted, in the form of a semi-permanent union." It's permanent until you destroy it. "It is not known how permanent this thread or the main body itself may be, but it seems to survive far longer than dead physical substances. That's very important. All things are supposed to have, for the Kahunas, a shadowy body, be they crystals, plants, animals, fabricated articles, men or Gods . . . even thoughts, the latter being very important in the magical system and its practices. Now, that's from Max Freedom Long's book, *Secret Science Behind Miracles*.

Now that's called an AKA thread. If it were not for that, there would be no such thing as a specimen. When you contact an individual; let's talk about an individual because animals are the same or trees or plants; it doesn't make any difference. But let's just say the body. The body is emanating energy. Every organ, every tissue,

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everything about you, every disease that happens to be within you, everything is emanating an energy. And anything that contacts you. I can run a wire . . . I can leave an instrument in the other room . . . I can run a wire here and run it up, and if I bring it up to within a short distance of you, 3-4 inches, I'm in contact with you. Now all of your energies are being transmitted over the wire to that instrument.

Now an AKA thread is like a wire. If I have a camera, I have a film in that camera and lenses in front of it that focus on you and put your light and dark areas on that film. All of your energies are being conducted on LIGHT. They are also implanted on that film. All of your energies are being conducted. Therefore, a film becomes a specimen. It's the other end of an AKA thread tied to you. Do you understand?

I put that film in front of a sensitive paper and put light through it. I pick up the same energy and implant it on the picture. But there's the interesting thing, if I destroy the negative or film, then it may, and probably will, break the connection between the two. So that this picture no longer is as good a specimen as it would have been.

The negative is needed because that's where the impression was made directly in the first place.

Also, I have found that if I put this negative in a metal container, it acts like a Faraday Cage, or Shield, and it's like opening or breaking the circuit. I've done tests like that. Here we've got a wire and if we break the circuit in this way, we've opened it, haven't we? Breaking and opening the circuit means the same thing. It acts like a switch that's open. If I shield this it is in between you and the print, and if I shield this it seems to stop the operation.

What is a Faraday Cage made of?

A Faraday Cage is any kind of metal shield that will shield against the electromagnetic spectrum radiation.

It's wise but not absolutely necessary. But I want you to know why some people say don't use a picture . . . you always use a film and then they don't explain. Well, then others will say, well, I've had good results with a picture. Because they had the negative. At least, it hadn't been destroyed.

Now, as an example, when we did the work with the astronauts, I had to take a chance. I wrote to Washington and found out where the official photographers were. There's an official photographer. All these astronauts, the whole gang, all those who are in training, would go there and have their pictures taken in civilian clothes and in their uniform or costume. So I sent and got both. I got individual pictures (8 x 11), glossy prints of each individual man. I also have a group picture, but you don't use that because you get three people, and you only want one. So I used a picture of the

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individual man as the end of the AKA thread with him.

"You assumed then that the negative was available?"

I had to. I had no control over the negative. But they were officially made by a photographer. He had them on file there in Washington. When we tried it out we found that we were OK. We didn't have any trouble. No trouble with Apollo 8, and 11, 12, 13, 14, and 15. We worked a little with all of those. We didn't do a complete study on every one. Our main study was really on 11. We did a great deal on 8, just about the same amount on 8 as we did on 11. We used photographs. I've used photographs for a lot of my plant work.

Now, for instance, I wanted to work *Radopholus* nematode on hundreds of citrus trees in a large grove. I don't know how many there were. It wasn't one of the enormous groves, but it was a big grove with hundreds of trees—orange and grapefruits, primarily. I got a photographer in a small town up in Florida and made arrangements with him. He had a crop-duster plane take him up. I said I wanted a picture at 1,000 ft., at 500 ft., and at 2,000 ft. So they went up at 500 ft. and took a picture. We put flags at the four corners of this grove. We got him to do this because I wasn't sure. If he had a narrow range camera and was down too low, we wouldn't get the whole row. On the other hand, if he gets too far up, he will cover too big an area. It was experimental in a way. Because if he had a wide angle lens, even at 200 ft., he'd get the whole grove.

I wanted all the trees in that grove and every tree that was in that photograph would be used for the treatment that I was going to give later on, you see. If you're working with a large number of people and one of them has a condition, you don't want to treat everybody. If you want to analyze, you can't with a lot of people in the picture. You've got to have one, you see. Remember that. And if two people are touching, if one person is standing by another person and touching, and you are operating with your photograph, you're going to get both of them. So, in your office, if you are working with someone, you want them sitting in a chair, comfortable. Or you can lie them on a couch or something. And you want them separated from other people. And if it's a baby, don't let the mother hold it. Not while you're doing the analyzing. Now that's important. If you're doing an analysis from a photograph you don't know what that person is doing. Remember that's being affected if he happens to be starting to eat a meal just at the time you start to analyze the first few tests, or before he's eaten anything and the saliva probably is beginning to run because he's sitting at the table and he sees the food . . . and then if he's starting to eat, the digestive system is beginning to operate and you're getting changes, aren't you? So remember that all of these things enter in. If you're working on somebody and he's at a distance

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and you don't know what he is doing, you're taking a chance on your analysis being correct. Because if he happens to pick up something like a bottle of drugs it's affecting right then. So I want to warn you. It's not that you can't analyze someone at a distance. You have to be aware of the conditions and be sure that you're not having trouble from that standpoint. Now you can also help that by visualizing that individual being surrounded with a wall of light that you're in contact with. You exclude other people out. That's a good thing to do. You just realize that you've got the other person in a little ball of light and you're in contact with them and that excludes anybody else. You have isolated yourself and your patient from everything else and then you can run an analysis. Get the idea?

Now let's talk about what constitutes a specimen. As an example, a man in charge of my factory came in to me one day and said, "Do you know that Joe was taken to the insane asylum last week?" And I said no. Joe was a friend of his who lived in a house near our factory. Right close by. I just met him casually because he came over, and he and Jessie, my foreman, were good friends. And he said, "Do you think you could do anything with him?" What was the matter? Well, you know he was quite a fisherman and hunter. He had a good job and was making good money. He had a pickup truck that he spent \$5,000 for, and he had several good guns, shotguns and rifles for hunting, and a lot of good fishing equipment—reels, and things like that. And for the last several months, if someone admired a rod that he'd paid \$25 for he'd say, "Like to have it?" And then he'd give it to them. If someone would say, "Gee that's a nice reel you've got there, what did you pay for it?" He'd say, "Well, I don't know. Would you like to have it?" And he sold his pickup truck for about \$5.00. And his wife got scared. He was having trouble. He got rid of a lot of his guns and his other stuff, and his fishing gear and his truck. His wife went to the court and said, "I'm afraid that he'll give our home away." So they committed him. They took him on a Monday morning to the State Institution. Jesse came and said, "Do you suppose you could do anything about it?" "We can try," I said. "Get me a specimen of him." "What do you need, he's not available." "Well, get me something that he has worn that has perspiration on it." "How about a fishing hat?" He had a favorite fishing hat that he always wore fishing—a dilapidated old hat! I said that would be great.

So he went and got this man's favorite fishing hat with a sweat band. It made a good specimen. So we used that. Knowing that the problem was mental, the first thing my wife did was recognize that, being mental, it would center somewhere in the brain. She set the dials for that part of the brain. There are half a dozen major parts for the brain. She set that and then started searching. She found a tumor in the Pineal gland. Now the Pineal gland is not much bigger than a good sized grain of wheat,

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and it doesn't take much of a tumor to be as big as the gland itself. Well, she found that and started treating on it right away and her treatment showed. You could re-check and see that she was getting results. This is just a case history. The following Sunday was visiting day. His wife went to the asylum and went to the office and told them who she was and who she wanted to see. And they said, "Oh, have you come to take Joe?" No. Well, there's nothing wrong with him. He's down in the grand room playing Pinnole with the guards." She went down. He greeted her normally. The nurse in charge said there was nothing wrong with him . . . said he was a little bit off when he first came in but now he's perfectly all right. She went home then and later checked with Louise, my wife. Louise said that as far as she was concerned, there was no tumor left. She had dissolved it back into its component parts. Later his wife went to court and through all that red tape and finally, after about 2-3 weeks, they let him go.

We had used an old hat that someone had worn. Now don't let these people tell you that you have to have hair, or that hair won't work, or that you have to have a signature. I can take a pencil and a piece of paper, and all I have to do is to put some marks right there. You can tear that off and put that in your instrument, and you've got a specimen of me. There are superstitious type people who say, "Oh, you've got to have that in the form of a signature." Well you don't. It isn't the signature that makes the difference. It isn't the color. The only thing that color might do is influence your analysis in some way because of the chemical used in it. Now you know that this is carbon. You know that the body is largely carbon. We call this a lead pencil, but it is far from lead. It is carbon. Held together with a substance that allows it to keep its shape. Diamond and coal are both types of carbon. And this is another form of carbon. All right, I don't want to get too far off on a tangent. Back to specimens. What will work and what is desirable to use in an office are not necessarily the same at all. Now I wouldn't advise doing things in an office that will work that might stretch the credulity of the individual. In the other training that you've been getting, you take urine and saliva specimens, don't you?

Ok, now you can have Q-tips ready and dip the Q-tip into that little crucible, or you can have them put the Q-tip in their mouth. It doesn't make any difference. And then you cut that Q-tip off with a pair of scissors. Don't handle it and drop it into the test tube. And leave it open so that it can dry . . . a few hours to a few days depending on the dryness of the room. That is the best way. Have it in this test tube with a number on the cork to identify it. You'll have the same number on your analysis sheet. The case history is very important. Broken bones aren't too important, but have they had any tumors or operations? That reminds me that later I will talk to you

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about appendix and organs that have been removed. Not right now—I don't want to get off on something else. I want to talk specimens.

Now you can take a garment, something that a patient has worn like a shirt. Especially if it has perspiration on it. Now that's a nuisance to bother with. It will work, but in practice, you don't want to think about it.

Remember I told you about my foreman, Jesse. We had first gotten acquainted with him from the front page of the newspaper. His little girl had died the day before, and in the morning his little boy had been taken to the hospital with an incurable disease, and he was in a coma. When I got home from the office Louise met me at the door and showed me the newspaper and said, "I want this case." It showed that he was working for Wilcox Co. I happened to know J. Wilcox, so we got in touch with him that way. I got hold of him and said I wanted to talk to him about the boy, and he was half in tears, of course.

I said, "What I'm going to suggest to you won't cost you a thing. It's an experiment, but first of all do the doctors have any hope?" Well, the little girl died yesterday and they couldn't do anything for her, he said. "The boy is in a coma and they don't expect him to live through the night." So I said, "Then you have everything to gain and nothing to lose by trying something else. This won't cost you anything."

"We're experimental and yet we like to help." And he said, "What can I do?" I said, "You and your wife go to the hospital. First of all you get an envelope and put it in your coat pocket and get a little kleenex or cotton, I don't care what. Tear off a piece of kleenex 3-5 inches square and have it in that envelope. Of course with the boy being in a coma, the nurse will take you to the room. They'll take you in but they will stay with you. Have your wife get the nurse's attention and go and lean over the boy and just swipe his mouth with the Kleenex and then, put it back in the envelope and stick it in your pocket. We don't want anybody to see it; we don't want any trouble with the doctors."

They brought it over and we set up an instrument at the table where we could all sit around. Louise started in on him. She called me and said, "I think I've got it." It was sudden; it wasn't chronic and spread all over. She could find exactly what it was—Aplastic Anemia—that hit very suddenly. So she had started treating right then and started getting results, because you can measure and then treat on it for a while and you re-measure and, if the value is down, then you know you've begun to get to it. If it doesn't go down, then you know it is something else that's holding it. That's important to know. Well, anyhow, after a little while, an hour or so, she said to the mother that the boy was going to be all right. Now that's really sticking your

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neck out. She could have said, well, we're doing the best we can and we hope we'll get some results. No, she said the boy is going to be allmright. She was confident according to the test and she said, "You go on home and get some sleep and get in touch with us tomorrow and let us know how the boy is." Well, by this time it was 11:00 at night and instead of going home—they'd been up for three days, first with the little girl and then with the boy—and instead of going home they went directly to the hospital. I don't blame them. They insisted on the nurse letting them go up to the room. He was in a private room. They went up there. The nurse was amazed because the boy was out of the coma and asleep and breathing normally. So she rushed to the telephone to call the doctor that a crisis had passed. Of course, they had to call on the phone to tell us that the boy was out of the coma and sleeping peacefully, and that the nurse had called the doctor. The doctor had rushed over to the hospital because he knew it couldn't be. He just knew it couldn't be. It wasn't anything he did. Now, it's a simple thing when you find the cause, but the doctor didn't have any way of testing it. But these are not miracles. They're just in line of action when you understand what it is. There is nothing miraculous about this. If you can look back and see what could have been done 75 years ago and when we're talking about today—they would have considered it absolutely a miracle. And in a lot of places today, it would be called a miracle by certain people because they knew it couldn't be done.

I've got the records here in the files. This man then came to me the next week after they'd taken the boy home. He came out to my house and said, "I don't know what you've got, but whatever it is I want to be a part of it." He said, "I want to go to work for you." I said, "Well, right now, I'm really not in a position to do anything but I'm just on the verge of starting to build apparatus because some of the doctors have been pestering me to build them some equipment. And I had done some on my own with the help of these two men that were working for me." And to make a tall story short, Jesse was with me for about 3 years running my factory. And so if I start building instruments again, I'll turn them over to him to build if he wants to do it. He's just retired; he'd be glad to do it. Up until now, until this court case in California—it changed me. If it hadn't been for that, I would not have done anything. Because I feel it's a breakthrough, I feel now the time is right. It wasn't right last year.

DON'T TRY TO RUN UNTIL YOU FIRST LEARN HOW TO CRAWL.

Let's not start talking trigonometry and calculus until we have first learned to add and subtract. Then the other will come in its time, but you don't start in that because

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you'll get confused and you won't know where you are. And you'll be going in circles.

You know what first impressions are like. Somebody comes in, the floor needs sweeping, and there's stuff scattered all over the place. Now that has nothing to do with your ability, but it's the impression they get. However; if they come in and the place looks neat and orderly, and when you come in you have a professional look and you've got a white jacket on, right away their confidence in you is going to go right up there. You know that, so start *THAT* way. Start with the image of a professional, not a sloppy non-descript—maybe, now it doesn't mean that an Einstein has to be dressed up in Madison Avenue clothes. That isn't the point, but he doesn't have to look like a bum. You know what I mean. He can have his hair like he used to wear it, but it can be neat and not look like a bum. Now it doesn't detract from his knowledge, but what's your first impression of somebody. You want to turn around and walk out, don't you? Now that's what you have to watch out for. It has nothing to do with your ability, but it has a lot to do with the confidence that that patient is going to have in you, and remember three things that I told you . . . as a teacher, the knowledge of the subject, the ability to get it over to the patient or the student, and then to install confidence in the student that you are going to help them and get them to understand this. Now don't try to bolster your own ego. Just say to your patient, "Now you are here for help, and I'm going to give you all the help I can. I am going to do everything within my power to get the results that we want to get out of this, so we'll cooperate now just as a team activity. Part depends on you and part depends on me, but we're going to work as a team and we're going to make this work. We're going to get you well." You know how you'd feel if someone talked to you like that. That's part of the building of the image. They've got to have confidence in you.

Now, to specimens—that's the subject. If you will have your specimens as I told you in test tubes and put them in racks and not strewn around every old way. I can show you a doctor down in Florida—honestly, he drove me crazy. He had one of my big cabinets and he would take a piece of small tissue and wrap it around a Q-tip that and stick the whole thing in one of these little paper cups. He writes the patient's name on the cup and he's got 'em stacked all over the floor. Stacked up . . . hundreds of them.

Put the number on the cork. That's the thing to do. Now if you take an adhesive label, that is easy, but it has chemicals in it, and you put it on the bottle and then put the bottle in the instrument, you've got the adhesive and every kind of thing. Cork is inert. Don't handle the specimens with your bare hands. I told you how to pick

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them up. Always handle them with a kleenex. Don't try to wear gloves. Just take a kleenex and pick it up this way. Have a box of them right there.

Let's talk about the instrument panel. Have you got the sketch I made for you?

Let's talk about the panel for a moment and the general rates and what they mean. Do you remember that I said you could have a single dial rates and double dial rates? Now that means just exactly that. Where you use two dials for something or one dial for something and the other for something else, don't let that confuse you. Just remember that where it's written with both numbers with a dash between them, that's a double dial regardless of what it is for. And you'll find that if you want to refine things sometimes you can get into a double-dial rate and it will be a little more specific than a single dial. Not necessarily, but you notice the graduations on that and you notice the knife edge on that pointer . . . well accuracy is terrifically important and you'll find a lot of half rates in the book.

Now there are all sorts of rates. There are rates for various and sundry things in that book. As I said, there will be some for single and some for double dial. Don't get confused. In a double dial rate you are not speaking of condition and location. You are using the dials for the same thing. They are nothing but tuning dials. In the double dial you use both dials for one purpose. In this system of the double dial we usually use location, but not necessarily. Now, for instance, aluminum is a condition. It is a material. It isn't a location really. It's a condition that you would find in the body. Well, there's a double dial rate for aluminum. There is also a single rate for aluminum, for instance, aluminum poisoning, when you use it just for that. Just for the aluminum itself and not any particular location. If you're using the 2-76, the heart rate, a double dial rate, you're dealing with the heart but not with any condition, particularly, just the heart itself. That's when you want to measure the vitality of the heart itself. You set it on 2-76 and it will give you the heart.

Then if you want to find out whether there is any aluminum in the heart location, you go to the single dial rate for the heart and the single dial for aluminium poisoning. There is a single rate for heart and a single rate for a lot of conditions, and it's just a matter of tuning whether you use a little finer tuning with a double dial or not, you see. That's it. Well, keep that clear in mind because the single dial system, when we discover that, was worth its weight in gold to use because you could tune to a specific location on one dial, and then look for things in that location on the other dial. Conditions, you see. I'll give you this as a case history, because it fits in here with rates.

This man came to us and he had his eye all bandaged up and said he had a corneal ulcer and the medical people could do nothing for him. He was a surgeon and he'd

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been to the best. All they wanted to do was to remove that eye so as not to infect the other eye and make him blind. Well, he said he didn't want to lose that eye because then he'd be through with surgery, you know. So he heard about our work. He knew it was experimental. We weren't running a practice or anything like that.

So we didn't have a rate for the cornea. Now the reason I mention this is because we are talking about rates. But we did have a rate for inflammation and so we set up the condition on inflammation on the condition dial knowing that was inflammation in this eye. We didn't know what else was there but we knew it was there. It was very obvious, you see. It was swollen and so on. So we knew there was congestion and inflammation and so we set one dial, the condition dial, for inflammation and then started searching for the place where we found inflammation. We found a reaction at some point. You start at zero and slowly turn the dial, feeling for a reaction and when you get it, you immediately measure the amount of it, and if it's only a little bit, you ignore it and go on to where you get a large amount of something, because we knew this was a large amount, you see, relatively.

Well, we came up with a location where there was a large amount of inflammation and, since he was otherwise in pretty good health and there was no indication of inflammation any place else, we assumed that it was in the eye, of course. So we came up with a new location then. You see, you scan and you find the location which you did not have before. So we make a note of that on our list. (We keep a record of everything.) Then leaving that dial set at that location, we change the inflammation dial; that's a condition dial, and then we started scanning the inflammation dial; that's the condition dial, and then we started scanning with it. Or if you want to, since you know that you have strep, staph, and B-Coli, and a number of infections that might have been there. Well, we can check those specifically and if we find one with a terrifically high rating, then we know that it's there. So you can treat that out. Now if you get complete, total results then that's OK, but if you don't, it means that you've treated out something that was there but there's also something else that's causing trouble. And so, sometimes you've got to scan to find it. If it's something you don't recognize, but with experience you'll find that there are a lot of short cuts, but experience will teach you how to look for certain things, and the probabilities that it is not this, but it might be this, and so forth.

We're talking rates, of course, that's our subject. But in the case of the man with the corneal ulcer, we started out with a known condition, but we didn't know the exact location. In the eye is not enough. That's too big. It's like saying it's in the body or in the head. We had to have a specific point. We were looking for the ulcer—the corneal ulcer. So we looked for ulceration. We knew there was ulceration in it, so we

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found the location, the new location where there's a lot of ulceration. We knew that ulceration is not a cause. It's a result, so that there was something else that caused it. So then we left the dial for the new location and took it off of ulceration and started scanning for something else, looking for strep and staph, C-Cole, and the various infections that might have been in there. It might have been one of the cold rates or it might have been something else that caused it. And it could have been a foreign particle which you can't tune into. The infections, which are scavengers, by the way, you can tune into.

We found what the infection was and started treating. Now remember the instrument turns the rates 180 degrees automatically. That's the nature of it. Electronically, when you introduce... into the tube... you have a grid and you have a plate and there's your cathode. You introduce your signal into the grid and it affects the flow of energy to the plate, but it just happens if you put a sine wave... you know what a cycle is... if you put that into the grid, it will come out looking like this, exactly opposite 180 degrees. Now if we put this into a second tube it's going to come out back the same as this, but if we put it in a third tube it's going to be back like this. So you can say that an odd number reverses 180 degrees and an even number amplifies in the same phase. We use three tubes, so we reverse, don't you see. So what's coming out into the plate... there's a coil in that plate and it's coming right out of the reaction plate. You know your reaction plate. It's coming right out of the plate circuit of the last tube into those coils and so what's flowing in here is 180 degrees out of phase with the specimen, which is the source. If at anytime something isn't clear, we'll stop and clear it up. We're getting energy out of the plate both for you to feel and get your reaction. It is effecting the individual. We have a coil of wire in that plate. It's radiating energy. It is radiating energy not only to the surface of the plate, but also out, and what you feel is its effect on that surface. It's also going out and it's effecting the source. That's where it's coming from—the source. And that's the only thing it is attuned to. It's energy from the source, amplified and turned around out of phase so that it will affect or neutralize the cause of it. Now that's the basis of treatment. You're redialing the energy from the instrument by way of the coil in the plate. And here's a point that's important. Do not leave a specimen in the instrument and the dial set for something and then go away and do something like answer the phone. Take that specimen out. Because, even though you think you're analyzing, your intent is to analyze and find causes by virtue of the specimen being there, and the energy being amplified, and the dials being set for something, even though you accidentally leave. They're set for something and it might be something crucial. It's going to radiate out and effect the one thing that it's in tune with, and

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that's the person from whom the specimen came. Now that's vital and terrifically important, so you want to keep that in mind. Do not play around with the instrument with a specimen out and lay it on the table and put it in a rack.

When you turn the power off you're cutting down on the amplification but it's still acting like the original Abrams instrument which had no amplification.

I put amplification in to speed up the action, but you can unplug it and that's what a lot of people can't understand. How on earth an instrument can work even though the power is turned off. All they're doing is losing the amplification. That's all, but the energy will go on through. You can analyze without any power. When you're using your pendulum you're getting a "Yes" and "No" answer without any power from any place you see. But this gives you more power.

You can analyze without power because for that you don't need too much power. Now you may find that there is a little stronger reaction with the power, but remember this, you're going to react to only a certain amount of energy from that plate. Any additional energy you won't notice. See what I mean? So whether you have power on or not is not too important. Very often you will work without turning the power on in analyzing. It isn't necessary. Now that's what a lot of people don't understand. All right, let's stay with the panel here—and the rates.

You've found something then that you think is what you've been looking for, but the proof of the pudding is in the eating, and so you treat on that, and if it treats and the condition starts to be alleviated, you know you're on the right track. See what I mean? The one of the two men that worked in my basement workshop was a red headed gal at one of the big industry's clinic. There was a doctor there. She was subject to migraine headaches and this doctor couldn't do a thing for her. She had been to hospitals and they couldn't do anything. When she'd get one of these migraine headaches, it was just terrific and there was nothing they could do for her. Well, her husband (who knew what we were doing here) asked whether there was anything we could do for his wife's headaches. We said we'd have to catch her at a time when the headache was on. So he brought his wife with him and she had a terrific headache. Louise set her down and took a specimen on her and started checking and came up with what she thought was the answer. She started treating the girl. She was sitting there and talking and after a little bit Louise re-checked, and when she began to see it coming down quite well, after a little bit she said, "How do you feel?" The girl said, "All right." "Well, what about your headache?" She had a funny look on her face and said, "Oh, it's gone." It had slowly reduced and she wasn't conscious. It isn't something you turn right off. She had her attention on the conversation and hadn't noticed. When she went home that night she did not have

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a headache.

We told her not to talk about it because other people wouldn't understand. Well, the next day she was so enthused she had to go back and tell her doctor about it. Her doctor said, "Oh, there's nothing to that stuff; we investigated that years ago and there was absolutely nothing to it." He convinced that girl there was nothing to it. She went on having her migraine headaches and would not come back. The point I wanted to make was that Louise found what she thought it was and started treating her and then she would re-check and treat, re-check and treat, and so forth. Now if you're running a practice you can't spend a lot of time with one person. You can give a person 20 minutes or 30 at the most, but you're going to have routine type of patients. You're going to have critical and special type of conditions. If you want to make yourself a good reputation, get into handling the cases that others cannot handle, because you have the facilities for doing it ahead of you, and you can take care of cases that are incurable.

Now this is not the subject that we started to talk about, but I want to impress on you that what you can do in the laboratory is one thing. What you would do as a business person, running a business to make a living, is another. It's an entirely different situation. Ethics enter into the picture. The almighty dollar enters into the picture. I can't criticize doctors too much for liking to have Mrs. Jones come in once a week for a treatment, because it's a steady income and, if you can have enough Miss Jones', you're going to be sure to pay the rent. You see what I mean. And I have to stop and tell you a story.

An old man, a medical doctor, raised a son and sent him through medical school. The boy had graduated and had come into the office with the old man. He got used to the old man's routine. The old man decided for the first time in his life he would take a vacation. So he took a vacation for a month, and when he came back, he talked to the boy and said, "Well, how have things been going?" And the boy said, "Just getting along fine," and he told him about the latest case. "Do you remember that Mrs. Jones who used to come to you all the time?" He said, "Yes, what about it?" "Well," he said, "I cured her up in a week." The old man said, "You what?" He said, "Well, I found out what was wrong with her and cured her up in a week and she hasn't been back since." The old man said, "Well you fool, don't you realize she helped put you through medical college?" That's a good story and it's true and the woman really liked to go to the doctor's office once a week and have a treatment. She really did and she was willing to pay for it. It was part of her security and social life.

Absolutely. That's right . . . to talk about her operation and so on. And "Oh, I always go to Doctor Jones every week." Dr. Jones was making a little income from

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her along with a lot of other people like her. Now there's a case where you don't cure up Mrs. Jones. You don't say, you're cured, you don't have to come back again. You leave it to her. You'll have to search your own conscience as to how you're going to handle these things because there are charlatans who just love to have these people coming over and over again, and then there are the other ones who want to get rid of them to make room for somebody else. That's another aspect. Get them out, get 'em away and finish them up! Cure them up and leave room for a newcomer to come in and get your services. So there's something you have to look into and study for yourself.

To get back to the panel, to the dials on it and what they represent and mean. The intensity dial as I have told you is used to measure the intensity of whatever it is you're analyzing. No matter what it is. If you set the rate for 2-76, the heart, you've set it for the heart. The heart energy is there and is going to be measured, the amount of it, and if it's low, it can be from one of two causes. It can be low due to the fact that it isn't functioning normally, which is reasonable. But why isn't it functioning normally? Either there is an infection in the heart or there is some other condition in the body that is holding the heart down, shall we say, or incapacitating it. You have to look for what it is that's causing it. Now one thing don't do. **DON'T TREAT ON THE HEART RATE.** The body is natural and if it is left alone it will function. It's because there is a cause . . . so I use this illustration . . . the pack mule that's loaded down and can hardly struggle, and you get a whip and whip the mule. Treating the heart, if there's an infection in the heart, means it is overloaded. When the mule is overloaded, you take off some of the load, and then the mule can perform. But you wouldn't expect a mule to carry a load beyond its capacity. Well then, don't expect the heart to do a job beyond its normal capacity.

Now that's a very important item. Don't treat on a low organ ever. You look for the cause. Why is that organ low? There is either something wrong with it. There's either an infection, and I'm using the word infection as an all-over condition. There's a condition that is there causing trouble or there is a series of checks and balances in the body, and for instance, the parathyroid acts as a kind of a check on the thyroid. Now you can have the thyroid low with nothing with it, if there's something wrong with the parathyroid which is holding the thyroid down. Now there are a lot of reaction cases like that in the body. (the check and balance system), and you have to learn those things. This is not a simple thing. To become a doctor is not a simple thing. A medical man spends at least 8 years, and then he goes in as an intern, you know, to learn, to get practice, doesn't he?

Don't treat on rate that applies to any organ, when you're first looking for

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trouble. The adrenals would be the same thing. Now there are times when you can pep something up if it is in a certain condition. You'll find quite a bit of information in the journal there on some specific conditions. Now remember if the heart appears to be in trouble something else is causing it. The heart alone is a pretty good dependable organ. It's a pump. It's a muscle and it goes along day after day doing its job, and left alone it will do it for an indefinite period.

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THE GREAT TRANSLATOR

One of the world's great translators of spiritual and metaphysical knowledge has quietly stepped beyond the reach of our everyday senses. Unlike many great teachers that have come before, Dr. Galen Hieronymus entered our present reality during a period of outstanding scientific growth and achievement. His lifetime spanned the period from the first Spark Gap radio transmission and man's first wobbly jumps in the air; to wristwatch Television and manned rocket landings on the moon.

Like all advanced thinkers, his new teachings were not readily received. Even though he had produced some of the first instrumentation in the field of Radionics—the kind of instrumentation that Science usually demands to translate phenomenon into our common reality of numbers and movement—it was an era of scientific “witch burning,” when established institutions were not willing to take the first step toward recognizing energies outside the established text.

Galen Hieronymus spoke of a field of subtle energies which guide and mold what we call our reality. The “eloptic” energies of which he spoke, not only form patterns to which our visible reality will react, but interact through communication lines that are not limited by the speed of light, nor by distance or shielding materials. One of Dr. Hieronymus' lesser known works was the tracking of the biological functions of the first U.S. astronauts in the trips around the moon; through the use of Radionic techniques—and with zero communication delay.

One of the Hieronymus patents was on an analysis device which translated the various “eloptic” energies of all elements to angular read-outs, through a prism-like transducer. This instrument, like the calibrated Radionics instruments, required a trained operator; which kept the development out of the “non-subjective” box into which modern Science had put itself.

More recently, however, Dr. Hieronymus and his close associates directed their efforts to the “non-subjective” science of Cosmiculture, which encompasses the field of soil and plant growth modification. Again the esoteric field of “etheric pattern modification” has been translated into what could be called our everyday reality of materials and parts. This field is destined to be eventually embraced by the so called scientific community, because it is “non-subjective” in its operation, and the recorded data will be transformed into what the community calls knowledge.

Unlike some of the other great knowledge translators, like Nickola Tesla, who suffered a lonely transition, Galen Hieronymus is survived by his wife, Sarah, who has been a constant partner in his development work; as well as a fully supportive family; and associates—which make up Advanced Sciences R&D.

Galen Hieronymus and his associates have lived to see the newest field of Quantum Physics “catch-up” to their esoteric teachings and physical translations. Science has suddenly been dumped out of its “objective” box, to face a very subjective universe. All of the recent publications are elaborating on the “observer effect” on the nature of subatomic particles. Electrons can be observed affecting the spin characteristics of other formerly associated electrons nearly a mile away, with no delay in communication whatever. The observers must also admit, at this point, that it would not matter if the electrons were as far apart as “from here to the moon.”

The world will someday know that they have had not only a great translator, but a great friend; because Galen Hieronymus has always worked on only those things that would make the world a better place to live.

For those of us who have worked with him, and who will be continuing the extensions of his work, we know we will be experiencing his continued help. For those who are continuing in similarly noble work, and who have not had the privilege of knowing Galen Hieronymus, you can be sure that you will have a chance to compare notes at another time and place. —A good friend, J. Paul Jones

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XI

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After Sarah and I were married, at last I had peace of mind, a knowledgeable, talented helpmate, and time to get organized and continue my work.

We both had had spiritual experiences: I with the I AM Group with Guy W. Ballard, and his work, Sarah with the teaching of Rev. Marnie Koske, whom she loved dearly. We were both ordained Ministers. I was a Minister of the Universal Church of the Master, and held a Church Charter, though inactive at the time, under their jurisdiction.

Sarah, ordained in Christ's Universal Healing Shrine Churches, had for several years been Pastor of Christ's Holy Presence Church in Florida, and was a member of Sologa Group 49 of Florida. She was an accomplished clear channel, and had done research work over the past ten years with several organizations. She was most interested in the work of George Meek, and his MetaScience Foundation, with whom she had worked over a period of five years, in the early work on "Spiri-Com."

We both felt we should contribute to the work of The Spiritual Hierarchy of this planet, in their endeavor to hold to a minimum the damage being done to Planet Earth by pollution, violence and economic and political problems.

Material was given to us by various authorities and members of the spiritual worlds. Sarah transcribed the tapes; Grace Helen Taylor typed the material; and I organized the material, made the index and put the material together. Larry Blazey, a friend and commercial artist, created the cover design. Julius Egloff (a geology scientist and friend) did a stylized picture for us. This was "Oasis."

In the fall of 1979, we advertised for a semi-retired couple, since we were working long hours, and had not much time to do the chores and the cooking. We ate in

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restaurants most of the time. We hired local people to cut the grass.

One of the psychotronic's group members answered the ad. He was a Board Member and an officer of the U.S. Psychotronic's Association.

I was, at that time, elected Life Member of the U.S.P.A. and "Veteran Director" on the Board.

I thought I could trust this man, since we were associated in the U.S.P.A. What a mistake that was! Thus began the experiences by which I learned about Peter Kelly, and my so-called "friends" of the U.S.P.A.

Pete came to Lakemont and parked his camper truck in our yard. He was in trouble. He had wrecked his truck and was waiting on an insurance settlement. His wife had left him and had taken their son, Eddy, with her to New Orleans. She was working in a restaurant there.

Peter was vastly overweight and very much out of condition. His cooking might have been all right in restaurants, but it was entirely too "gourmet." My digestion just couldn't handle it, so Sarah resumed preparing meals for us, and we worked two or more hours later at night to make up for the time it took to prepare food for us. We did tests on projects I had been waiting over five years to finish.

Sarah became an excellent operator of my instruments. She was always interested in my research work—always enthusiastic and ready to work.

She was very kind to children. When Pete's wife sent their little boy back to Columbus, Ohio, to their old home to stay with a neighbor, and he was not in school, Sarah asked me if I would let him come here so he could be with his father and go to school. She knew the child was upset and disturbed over his parents' problems and their separation. She said that in such situations her sympathy was always with the children whose lives were all upset by their parents' immature behavior and lack of love and understanding. She had raised four children of her own and had helped rear two others, so I deferred to her judgement and let Peter bring the little boy here. Eddy did very well in the little country school and apparently enjoyed it. Of course it was very different from big city schools and the children he met were not the rough and tough characters such as he dreaded in the big city school.

I began working with the concepts and information gained through the successful experiment I did in 1931—that of bringing solar energy down a wire into a dark basement. I grew plants with Chlorophyll in the dark. I made designs and, by the end of 1980, I had a working model of a device that later I called my "Cosmic Pipe," using a 4-inch-round pipe as a housing (and also to utilize the form-energy of the shape of the pipe). Over the next two years we built and tested these all over the South.

We had successfully miniaturized my instruments, changing from vacuum

tubes to transistors. One of my greatest problems was the inconsistency of the energy values of transistors I found on the market.

Most of these were made in Japan or Korea. Their values varied greatly. Many of them were doped with arsenic and other poisons. Testing these proved very time consuming, but it was necessary, so we did it. We discarded many of the transistors and other components we had purchased, since we dared not use poisonous components in my Analyzer-Treatment Instruments.

At this time (80-88), I was building and testing computer circuits and trying to mate these to the ideas of measuring Eloptic energy, with the hope that this might turn out to be the ultimate transducer design I had been working for so long to attain. I thought it likely, though I knew from past work that Eloptic, or the basic energy of everything, is not electricity, but can ride on electricity. Also Eloptic energy is not optics, or light, though it is carried on light. Light of any color cannot be used in the Instrument to affect conditions, but if the energy of the Light is charged into a vial of distilled water, then the energy of the colored light may be used to treat out conditions inimical to the human body, plants and animals.

In my research of the potential of computer circuits, I was interested in observing the effect the constant miniaturization exerted on the effect of the energy of the material used in the components.

This observation gave me some ideas about the uses of these miniaturized components. After some study and research, I discarded these ideas, because of several ipso facto reasons:

1. Testing the energy of such components built into the schematic of my instruments. The main fact that emerged from these tests was that the general vitality or 9-49 of humans, plants and animals was affected unfavorably, lowering the subject's vitality to a great degree, while values for carcinoma, sarcoma, leukemia and tuberculosis were raised to an unbelievable extent.

I observed this phenomena over a period of seven years of consistent testing of specimens. Laboratory animals developed cancer, lung and nerve degeneration from treatment by instruments containing computer circuits. A friend who did such tests on laboratory animals collaborated on these tests with me in 1984 to 1987 and gave me full records of his tests, and results of my treatment of groups of mice and rabbits in his laboratory.

For that reason, I do not build computer type instruments, and I cannot conscientiously endorse any that are on the market today. Of all I have observed, the Digitron, built by Bill Lawson, formerly of Arizona, now living in Texas, is the least dangerous to human, animal and plant tissue and vitality.

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In my opinion, consistent use of computerized instruments is like playing Russian Roulette with a loaded gun. Most of these are built by amateurs in the field, who want only to build a salable device so they can cash in on the present interest in Eloptic energy (and so-called psychotronics), and couldn't care less about the effects on the human beings who buy and use these devices to treat themselves.

In 1981, Sarah and I began an experiment to see if we could affect the genes of a big white oak tree in our yard. We tested and chose a large paper shell pecan which had great vitality. It was a large, long nut, with distinct pecan-type markings and a very thin shell, with a sharp point at one end.

After testing the vitality and the effect of the energy of the pecan on the white oak tree, we chose to affect with the pecan energy, and record these findings. I set up a low-energy treatment instrument and began a long treatment period of the oak tree, using some of the cambium bark of the white oak tree as a specimen of the tree. We charged a vial of distilled water with the pecan energy and intensified it several times. Then we charged the energy of the cambium layer bark into a vial of water, and began a long period of treatment of the white oak tree with the pecan energy. We checked the vitality of the tree from time to time and measured the effect of the pecan energy on it, and recorded the results of these tests.

The oak tree was 35 feet tall and possibly thirty or more years old.

The original acorns had been round and very bitter. The next fall we noticed a trend toward length instead of roundness with all the acorns of the tree we could find. The squirrels took so many of them for their winter food supply. What the squirrels didn't take, the chipmunks gathered from those fallen on the ground. We had to get up early to get any of these for our tests.

Sarah had been involved in doing some hybridizing in the past, involving crossing hibiscus plant varieties with wild varieties of mallows, for color, form and herbal energies, using the orthodox methods. She had also treated with the instrument various non-related bulbs with each other's energy, with a wild variety of results. One of these was an experiment in which she used the instrument to bombard a helpless onion bulb with the energy of a yellow gladiolus corm. After a 2-month period of inactivity caused by shock, no doubt, the onion grew rapidly and wildly, reaching a height of over 3 feet tall, and growing in a distinct gladiolus leaves pattern, though the leaves were limp, and required staking.

These early attempts at genetic engineering of plants were just an exploration to see what possibilities such methods presented, and not to prove or disprove a theory. At present we are beginning a Transmutation test on seedling citrus trees and seedling white oak trees with the purpose of finding a method of eliminating the

time required to hybridize plants, by implanting in the genes of the plant with the most desirable traits, more desirable traits of an alike or opposite plant. We have done tests, with the result of gathering sufficient evidence that the test seed or plants may have additional beneficial traits impinged on their genes, and undesirable traits treated out (eliminated by treatment with the Eloptic Energy Analyzer). This type of research and development is a specialized field of research in itself, and needs the full attention of a dedicated Eloptic Scientist who wishes his work to be of great and unique benefit to the human race.

This can be developed to produce citrus, apple, plum, pecan, grapes, etc., without the several years of time it takes to produce seedlings, cut and graft individual plants by the thousands, and wait at least 5 years to grow producing trees and vines.

Among other things, we did some work in attempting to find successful treatments for diseases of the pancreas and liver.

We had one project in regeneration of the pancreas and the liver, especially in diabetic conditions, since we became interested in documenting the after-effects of Radiation Therapy. We had been very successful in finding substances for use in neutralizing cancer. In our inquiry into the effects of Radiation (cobalt and Chemotherapy), we found out of 100 specimens of people who had undergone these therapies, evidence of liver, pancreas, spleen, and gall bladder damage, ranging from middle degree radiation burns, with corresponding problems in organ functions.

Our work with AIDS was based on working with the energies of the AIDS virus, using enlarged photos of the AIDS virus obtained from Government Agencies concerned with Public Health. Since we did not have live specimens to work with (except in one instance a virus photo and 1 specimen supplied to us by a former Research Associate), we ran many tests involving the energy of the AIDS viruses charged into vials of distilled water, in at least 15 intensities, ranging from low to very high readings of the intensities of the disease.

These we measured, and used, in at least 100 experiments treating with various reagents which tended to build up the immune systems and reduce the vitality of the AIDS virus. This is an ongoing project, with the purpose of putting together an ongoing program of eliminating causes such as metallic poisoning, radiation damages, antigens and nicotine intensities, encephalitic damages to nerves, adding vitamin and mineral energies, nutritional aids, eliminating hormone imbalances, and regeneration of the immune system.

Our experiments were based on the theory we have proven to our satisfaction,

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that germs do not cause disease, but are scavengers, attracted by weakness and feeding on toxins generated in such weak areas.

We are still doing some advanced projects in these areas.

In 1984, for the first time, we showed our Cosmic Pipe at the Western Psychotronics Association in Denver, along with our other instruments.

You notice I say "Our Pipe" and "Our Instruments." I do this because Sarah was not only my wife in every sense of the word, but also she had become my partner in all our activities. We had shared our work, our fun, our experimental projects, and our agricultural and health research.

This agricultural work was based on what I learned in Pennsylvania and Florida in the 1950s and 1960s, when I had eliminated Gypsy moth worms, army worms, fungus, nematodes, corn borer worms, corn ear worms, tent caterpillars, tomato mosaic disease, lime tree disease, yellow palm disease, squash larvae, Mexican potato beetles, citrus and peach tree scale, and many other pests.

This time we studied and devised soil tests, water contaminants elimination, methods of cleaning feed, measuring and enhancing the vitality of field crops and vegetables, and elimination of animal, plant, and tree diseases.

Our first Cosmic Pipe customer was Eugene "Whitey" Kurkowski, of Grant, Nebraska, to whom we are indebted for some spectacular results with wheat seed energy intensification. He has since done some very good work with Eloptic Energy projects in connection with his two 80-acre wheat fields.

In October 1984, we had had a pitiful letter from a fellow from Texas whom we had met in 1981 in Florida. He had stopped by to see us in late 1981. He had been working for our friend Jane. We heard later he had been dismissed from his job with our friend, but she never discussed this with us, so we didn't know why. I only wish she had told us the facts about what had happened. It would have saved us a lot of trouble.

The man wanted a job. At that time we had only one employee. Sarah and I both worked all the time, sometimes doing our laboratory work in the evenings until late at night. We were still doing tests on the potentials of the Cosmic Pipe.

We discussed the situation and decided to hire the man. He wrote that he was broke. His wife had filed for divorce. The bank had repossessed his car, and he wanted to leave Texas. We offered him \$100 per week, and a place to stay as our guest. He came to Lakemont and began to work for us. He knew very little about our work, so we had to teach him the basic information.

We paid for a business booth at the Acres U.S.A. conference that November to promote the use of our Cosmic Pipe. The three of us attended the conference and sold

a few pipes, and instruments, which gave us some cash to work with.

In January a couple from the Midwest spent a few days with us, learning to use the instrument and the Cosmic Pipe. They became sales people for us. We were advertising in Acres, U.S.A., at that time. In order to get out all the orders in time, we hired two young men. One was a local man who had just finished his enlistment term in the Air Force. The other was a veteran who was a second year student in electronics at the Northeast Georgia Technical School.

He worked from 4 PM until 11 PM in the shop. The other man worked from 8 AM until 4 PM. Both of these men were intelligent, quick to learn and honest.

This gave us four employees, and we began to learn about the Labor Department of Georgia. We hired three more, one to do lab work, and another man and a girl to work in the shop. I learned about employees from these three! I fired the girl when I told her to build a Tesla Coil for me, and she couldn't do it. Then I found out her brother and the young man I had hired were doing her work for her, so she could collect her pay. Her brother was angry because we fired her, and built our anapathic instrument with a shortened wire, so that metal fatigue, as the knob moved with scanning, would break the wire and ruin the instrument after a research associate had already begun to use it. He became quite impertinent, and put up an obscene sign in the shop's assembly room. His wife, who worked in our lab, was doing unsatisfactory work. Sarah got tired of the situation and dismissed them without notice. Then she waited for them to try to collect unemployment insurance. The sister who I fired for incompetence, filed a claim, but didn't pursue it since I listed the cause of dismissal as incompetence on the job. The other two probably figured we had enough against them and enough witnesses that it wouldn't be worth their trouble to apply. So I learned about employees from them.

The fellow from Texas seemed willing to work and had a lot of enthusiasm. He was tall, with red hair, and wore a grin. His education, though patchy as to consistency, was fair. I inquired privately into his background and was amazed to learn he had been divorced twice and had been fired from almost every job he had ever held. Of course I wondered why, and concluded to keep an eye on him continually. I had a premonition that he would eventually prove to be more dishonest than K. I should have paid heed to that premonition.

Later on, I found out he was the fellow who "liberated" two tons of Micro-min (an alluvial clay very useful to farmers) from John Scott, who lived near Crescent City, FL, and took it home to Texas with him. If I had known that, he would never have been associated with us, regardless of the "energy" he claimed to put into our business.

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One of my surprises was that after he met the mother of one of our shop technicians, he seemed to live without much sleep. They were the scandal of the neighborhood with their intimate relationship.

We raised his pay and still let him use our mobile home to live in. Finally, on his demand for "more money," Sarah laughed and told him to get married. Much to our surprise, he and his live-in girl friend made plans to do so. They had two ceremonies, one civil, at an Oconee County, South Carolina, Judge's office, and the spiritual ceremony at a beautiful big waterfall not far from Lakemont. Sarah performed the ceremony and Judge Leisher and I participated in it. We hoped marriage would settle him down somewhat and let him put his attention more on his work.

We hired another man whom we had tried to help with our experimental cancer projects. He had asked us to use him as a subject of one of these projects, which we did. Our work in this area got him out of bed and on his feet again. He said we saved his life with our Eloptic Energy methods. He also had worked for our friend Jane. Later we found he had been dismissed from her employ for sheer hypocrisy and lying, and had been caught in the act.

His agricultural knowledge was thorough, but like the other man's education, was behind times and out of date.

I should have fired both these people immediately when I found out their backgrounds, but I hoped they would change and use their opportunity with us to learn and become better people.

Being married didn't help our Texas friend's personality. He became more arrogant, told more lies, and didn't take much interest in his work. We were paying him at that time more than the going rate in this area for such work, and gave him a \$2,000 bonus at Christmas in 1985 for his past good work.

We found out in January 1986 that he and his wife, whom we had taught to operate our instruments, were doing soil, water and food tests for our customers for pay, and had not told us about it. Then we had phone calls of such a nature that we were forced to accept that he, and a research associate of ours from Connecticut, had sold our equipment to farmers in South Georgia—after the Southeast Exposition in Moltrie, GA, the past October—and had not turned in the money to our bookkeeper and secretary, who had been with us several years, and whose loyalty and honesty had been proven many times.

We were going to Florida at the end of January on a combined business and vacation trip. At that time, he gave us a note demanding \$20,000 a year, plus a weekly bonus. I told Sarah to lay him off a few weeks, and we would talk to him when we returned. The upshot of it was that he never came back to talk to us. He came here

only when we were gone. At our Conference at Ole Clayton Inn, the last of February, he arranged a meeting with our customers and associates, and approached one of them with a proposal that he should finance a business to build our instruments and duplicate our work. We became aware of the fact that he had gotten into our files and helped himself to a great deal of information. We investigated the legal aspects of this. When he began advertising a device he built for sale (one of which was sent to us by a friend, one of whose customers had purchased one), we were amazed to find the device was built on our principles and using our components, but we shouldn't have been, since he stole all his information out of our files.

Since then, he and his friend, our former Research Associate from Connecticut, have completed a whole set of devices using our techniques. One of these devices is an instrument using a 360° dial. We tested such a configuration twice. Once when we used vacuum tubes, and once after we miniaturized our instruments using transistors. Using all our knowledge of the natural laws of Eloptic Energy, we found that the rays emitted from the lower half of the dial are dangerous, the energies of enhancing the energies of all such diseases as cancer, kidney malfunctioning, fibrosis, and nerve disease. These tests gave us much information, so we concluded that such devices are dangerous, and over a period of years, we saw disease, disability, and death of all treated with this type of instrument. So we twice tested and discarded this 360° dial and do not use it in any of our instruments.

Our research is aimed at finding methods to enhance health of people, animals, plants and soils, rather than to build devices for sale just for the money we can acquire in that manner, regardless of the automatic damages that can be done to people by the use of such devices.

Of course the lies this fellow and our former research associate have told to our associates all over the Midwest have marked them for what they have shown themselves to be.

One of these lies concerned a situation caused by one of our shop technicians, an ignorant fellow, and the other employee whose life we saved with our research work in cancer.

Sarah and I had noticed for over seven years that farming with the use of deadly chemicals was extremely dangerous to humans. Many times there were accidental spills which drenched the person handling the chemicals, thoroughly soaking his clothing, resulting in skin burns and breathing in of deadly fumes. We began a program of researching effects of seven typical farm herbicides and pesticides in 1981. Thus began our immunity research. We continued this research by seeking and finding various substances, such as nutritional supplements, energy substances,

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hormones, etc., that would cancel out the result of these substances. We found these to be few and far between, but over the years between 1981 and 1986, we found a few substances whose ability to cancel out the effects of chemicals undeniably existed.

Hugh Lovel, who became one of our research associates in the winter of 1985, introduced us to Bio-Dynamic Compost-building substances, as pioneered by Dr. Rudolph Steiner in the 1920s era, and we found 2 of these to be very helpful in combating the adverse effects of chemicals on the human body. Here we went back to our AIDS research and the work we had done to document methods of treating the central nervous system, vascular system, skeletal structure, gastro-intestinal system, elimination systems, and endocrine systems of the human body to enhance the strength of the genetic blueprint and the auto-immune systems of the human body. Thus we worked with both these parallel areas of research at once.

However, by the summer of 1986, we had progressed to the point we could see something of the results we were searching for.

We had treated ourselves and those people of our staff, who had given their permission, with several vitality enhancing substances over a period of two years. When we went to Denver in 1986, to fulfill our lecture obligation there, we left one treatment, a test of our combination reagent, in which the poison was counter balanced and cancelled by the 3 substances we had found were more positive in effect on human vitality than the negative effect of the chemical poison. We left a specimen being treated in the lab, with our reagent charged with protective energy, a specimen of the subject with us and checked it with our portable instrument twice a day. If we had found any deleterious effects at any time, I would have phoned our secretary, Jimmie, immediately to terminate the experiment by removing the specimen from the well, and turning off the power. We did not find the reagent to be at all dangerous to the subject.

When we returned from our trip and tested the effects on the specimen, we found something had interfered with the test, and we had to start all over again with the experiment.

We found out later that one of the shop employees, a son of the woman our Texas man had married, had gone into the lab, noticed whose specimen was in the well of the treatment instrument, took out the reagent, opened it, and called our employee (who had acknowledged that we had saved him from dying from cancer), and together tried to analyze the reagent, at which process they had very little skill and knowledge, and damaged the experiment beyond use. The shop man quit his job here before we returned, giving his resignation to Jimmie. The other man and his wife, whom I had been forced to warn to stay away from people who were not

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friendly to us, were spending hours every evening with the Texas man, carrying gossip and helping him use the incomplete information he had stolen from our files. I told Sarah to terminate his employment and tell him to take his mobile home off my land. I do not have to tolerate hypocrisy, lies, disloyalty and lack of application to the work I pay an employee for performing.

So he became angry and accused Sarah of trying to kill the person whose specimen was in the well of the instrument when he and the shop employee interfered and ruined the experiment. We had used the employees, with their permission, during the active testing of the chemical-cancelling reagent we had made, doing all our preliminary work treating and testing the effects of the chemicals by using vials of water into which the energies of the chemicals had been charged, and checking the effects of reagents on the chemical's energy in the vials of water.

So the fellow who kept saying he was so grateful to us for saving his life, ruined an experiment which had taken months to do, and interfered in our chemical immunity project, when we were just almost ready to give the results to our research associates to use in their documenting the results in chemical accidents and spills.

When he was fired from here, he joined his thieving friend from Texas in telling the biggest lie of all, that Sarah tried to kill him with an instrument.

I can truthfully say this: an instrument could be used to harm someone, I am sure, just as an automobile can, but our work has always been constructive in purpose and accomplishment. Sandy Asbill (Texas) and George Gibbs (cancer research subject) and Donald Mattioda (former Research Associate) will reap the rewards of their stealing and lying, and their ingratitude to Sarah and me (who always helped them instead of hurting them), just as Kelly did when the FDA forbade him to sell the books containing the proprietary information he plagiarized from my copyrighted material. This is a law of the Universe, and works invariably to the detriment of the thief, the liar, and the hypocrite, and the egotist. We will not have to lift a finger to do anything to accomplish this, since it is a natural universal law.

I also point out that my wife, Sarah, has helped many people. Some are alive today only because of her compassion and willingness to spend her time to use her knowledge and skill to save their lives.

No one has treated her and me so cruelly, so dishonestly, and so falsely as these three men have. We regret that we ever allowed them to be here.

So we learned about employees and associates from them!

I am thankful that all employees are not like the ones I have cited here, we would never get any work done if that had been the case. We have had some very good,

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truthful, and loyal employees during these years.

Jimmie, our secretary will have been with us five years in February. I do not worry about his integrity, honesty and loyalty since I know by experience that he has all of those sterling qualities. Alan left a very remunerative job with a large electronic company in early 1986 to work with us. I have found him to be completely trustworthy. Mike, who worked for us in the shop for over a year, was a student at North Georgia Tech, about sixteen miles from here, during the weekdays, and worked in our shop from 4-11 p.m. daily. His work was excellent in quality. If I asked him to do anything for me, he did it cheerfully, willingly, and correctly, just like Jimmie and Alan do.

So I have learned from these men about employees.

Besides these positive inputs, I have confidence in all our many Research and Sales Associates across this country, Canada, and in some foreign countries. In my opinion, there is nothing so disgusting as the scientist who sets up his research work to prove that his own theory is right and all others are wrong. I have encountered very little of that among scientists working on the frontiers of esoteric sciences, and our own Research Associates.

The moral contamination today seems to exist among Egos, who work for money and fame, and do not mind falsifying research data to accomplish their goals.

My years since late 1979 have been very happy and filled with achievement in spite of all the hardships and the work of making "bricks without straw" or carrying on a business with small working capital. We have literally pulled ourselves up by our bootstraps, as the old saying goes.

I realize now that I may not be here much longer. I will be 92 on my birthday in 1987, a few months from now. My strength is less than I had last year, but my mind is still keen. I have over twenty projects begun, and we are working to complete as many of these as possible.

When it is my time to leave this physical world, I am ready to go. I have completed my arrangements for disposing of this physical body which has served me well during my sojourn in this world, and I have Sarah's pledge that she will see that my wishes are obeyed.

One thing I want to say here: If any "channel" ever tells you that he or she has received a message from T. Galen Hieronymus, in-spirit, disregard it completely. It is a lie. I will never be sending any messages through any so-called sensitives or channels. If such a message is called to your attention, you can rest assured it is given by a lying spirit seeking to deceive. I have not trusted "channels" in this world since 1983. Most of such work today cannot meet the challenge: "Is it truthful? Is it harmful

to anyone? Does it contain enough facts to be verified? Is it designed to scare people?"

My wife is the only channel I can find whose work has always met that challenge. My plan and my commitment is to return to physical body in this world as fast as possible, for I still have much work to be done and much research to pursue in order to establish the work I have spent this lifetime to accomplish, as a viable common knowledge and accepted practice. It is my intense goal. All my plans are already made to achieve this goal in the not too distant future.

I caution you also, that many people will say they worked with me in my research. This also will be untrue, so do not believe it. My beloved wife, Sarah, has been my only research partner in the last nine years, since May, 1979.

Louise, my wife for 48 years, was my research partner from 1934 through 1972, when she became ill and could not continue to work with me.

In the late 1970s, I worked a month in New Hampshire, studying the Spruce Bud worm infestation in the Spruce Forests. Dave Waddell was associated with this study. In my earliest days, I studied the emanation patterns of mineral elements' energies. Stanley Rogers worked with me in studying this phenomena. So be warned: if anyone tells you he worked with me in my research work, he is telling you a lie. There is not a word of truth in such a statement.

Here, I pause to give credit to many independent researchers who use my equipment, and who carry The Research Associate Card from Advanced Sciences R & D Corporation. We serve as Consultants to these people, and share our expertise and experimental experience with them upon request, while they share also with us the information they have gained in individual research of subjects of common interest both to them and to us.

Of all the people I have come in contact with over the years, I say thanks for friendly, interesting and helpful friends. To: Tak Kidochi, Dean Stonier, Eugene Kurkowski, Darlean Moreland, Jeffrey Smith, Preston Nichols, Haroldine, J. Paul Jones, George Meek, Robert Beutlich, Nathan Babcock, David Prater, Gene and Arlene Litwiler, Don Bohler, Ronald and Pat Schultz, John Albright, Chief Two-Trees, Wayne and Diane Harrod, Joe and Virginia Falcone, Leroy and Theresa Shartz, Rev. Wayne Taylor, Melvin and Shirley Ereb and Jim Demmitt and all their friends in the heartland of America, Jane Pedrick, Bill and Vivian Tisher, Dr. George Douglas, Dr. Dean Howell, Dr. Robert Beck, Ph.d., Stanley Sobel, Ken and "Liz" Miller, Warren Williams, Lana Moore Williams, Martha and Bill Bussey, Dr. George King, M.D., Dr. Don Cornelius, Mrs. Louise Coldren, Patrick Marcellino, Glenda Schmidt, Hugh Lovell, Jerry Hedges, Mark Moeller, Dr. Richard Vail, Dan and Marie

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Murray, Dave Waddell, Joshua and Judith Ross—and the list could be longer.

One last caution: If anyone tells you he or she worked as my "Research Associate" over a period of years, ask him or her to show you the "Research Associate Card of Advanced Sciences R & D Corporation, signed by me as President, and by Sarah, as Secretary/Treasurer, of the Corporation. That is one way to positively identify our Research Associates.

Of People and Places

One of the great joys of living is to meet friendly interesting and interested people. The 1980s brought us many of these.

Jane Langford was one of those who became a special friend. Her farm, "Precious Little Farm," near DeLand, Florida, became a testing ground for us. We treated Citrus Scale and other diseases out of the orange grove, treated the hay fields with a Geranium juice reagent (while working on the proper combination for the Reagent) so that the fall army worms left it in great droves, treated one spot successfully to get rid of nematodes, carried on Cosmic Pipe tests there, enjoyed some of the most delicious organically grown citrus fruit we had ever tasted, and spent some relaxed pleasant days there.

One of our more interesting experiments was begun to find the cause of the hives from which Sherry, a friend of Jane's, was suffering. The odd thing about Sherry's illness was that the manifestation began with a slight itch in a skin location, which became a raised wheal on the skin. Then another and another such itching raised wheal would appear, until Sherry was in such agony she would go into a coma.

Taken to the hospital emergency department, she would be given sedatives, carminatives, etc., and remain in the hospital until the condition disappeared, only to appear again after a short time. She had been to the State University hospital for tests, which revealed allergies, but got no results so far as healing the situation was concerned. She had been to a famous clinic, but to no avail.

We analyzed the situation with our equipment, and found that the chlorine in the city water was the culprit causing the outbreak of hives. We treated the excess chlorine out of her system, and she began drinking spring water, with no more hives and allergies.

We found a similar situation later. A nurse in Long Island, New York, sent us a picture of her cat, Bosco. Bosco was a handsome Chocolate Point Siamese cat.

His owner was quite concerned that Bosco was having "Jacksonian" seizures. He often ran round and round, frantically clawing at his back. He did not froth at the

mouth, but could not remain still. With the Eloptic Energy Analyzer we checked Bosco for allergies, and found that Chlorine was the culprit. We treated out the Chlorine, and warned his owner to buy spring water for Bosco.

At this time we engaged in an interesting project with the Eloptic Energy Instrument. We monitored an interesting operation by a prominent surgeon, which took place in a large university hospital. A friend who was there with the patient phoned us as the patient was being taken into the operating room. By monitoring her vitality with the Eloptic Analyzer, we knew when the Anesthetic was given, and when the abdomen of the patient was opened. At that minute, our instrument registered an abrupt rise in the Strep and Staph count intensity. We treated the patient for a sudden hemorrhage and checked her condition ten times per day during her recovery period. One day in scanning her condition with our instrument, we were amazed to find a high intensity of food poisoning. This presented a puzzle. How could a person on intravenous feeding get food poisoning?

About that time her friend phoned to say the patient was sick with all the symptoms of food poisoning. I told her to check the intravenous feeding bag. She phoned back later that day to tell us that she had checked the intravenous device's food bag, and it contained the liquid food in a spoiled, rancid condition. She left it as it was, sought and obtained an appointment with the surgeon and told him about the spoiled solution in the feeding device. He didn't believe her, so he went to the patient's room to see for himself what was the trouble. He found it just as she had described it. The nurse's aide had not changed the bag for several days, and continually poured the new "chicken soup" into an already contaminated bag. Needless to say, the surgeon created a great understanding of necessary sanitary precautions among the nurses and nurse's aides, and it did not happen again.

We attended several conferences during this time, and were speakers at most of them. As I recall, there was the 1981 U.S.P.A. conference in Dayton, Ohio, at which I was the Keynote Speaker. My Keynote Address didn't go too well with the leaders of the group. I had observed several things happening which as Scout Executives, Commissioners, and Scout Masters, working with thousands of Scouts, we had always tried to eliminate.

These were: (1) Perpetuation in office and on the board, over and over, of a certain group of people; (2) A lack of a sense of responsibility among officers, board members, and committee members, an atmosphere of "let George do it." I had not seen anything dishonest, only a shirking of responsibility, a lackadaisical attitude toward the organization on the part of those who tended to perpetuate themselves in office. Then there was the situation of a board member and officer, who being

The Story of Eloptic Energy

allowed to use my Copyrighted (1976) Rate Book, copied it, rearranged it, and published it as his own, at the same time beating the drums to his loud cry that he was a student of Dr. T. Galen Hieronymus. This was patently a lie, since he had come to us to do the chores and the cooking. He was too obese to do many chores, and my digestion couldn't stand his cooking. He was in trouble financially, his wife had left him, and so on and on. I would have asked him to leave, but we had allowed him to bring his small son here and enroll him in school, and we would not hurt the child.

All this is what I had in mind when I told the Conference, in my Keynote Address, that it was high time to do a thorough housecleaning of the U.S.P.A., beginning with the Board and the Officers!

We began publishing the Advanced Sciences Advisory in 1981, beginning with light pages in the first few editions. We enlarged the publication, made it half letter-page size, and published science-frontier subject papers by many amateur authors, as well as our own papers.

Since the U.S.P.A. Board and Officers, who continued to perpetuate themselves in office, paid no attention to my Keynote Address, we did editorials about the situation of the Board Member and officer who plagiarized my copyrighted rate book, until we were accused of trying to destroy the U.S.P.A.

My attitude was that the U.S.P.A. was operating under a disadvantage of having a dishonest man on its Board and as an Officer. The U.S.P.A. needed a housecleaning, a purgative action, to cleanse itself of dishonesty and a thief on the Board, and list of Officers, to say nothing of not enough delegation of authority, not enough committee work, and continual perpetuation of the same people in office—all signs of internal decay of an organization.

I was a Charter Member, a Life Member of the Board, an elected "Veteran Director," but I came to the conclusion that since I had earned some National and International prestige for the research work I had done and the instruments I had developed, that any tithe the U.S.P.A. gave me was for the purpose of exploiting my name for their own purposes.

In 1983, I put together copies of Kelly's book and my copyrighted Rate Book, showing that he had copied even the mistakes in my book, and presented my paper after the 1983 conference at Portland, Oregon, in July. I waited and waited, and no word came for a long time from the Board of the U.S.P.A. as regards the request I made of them for justice, backed by evidence of Kelly's plagiarism of my book. Finally in September, I received a letter from the U.S.P.A. President, Henry Nagorka, excusing himself for the delay by saying he had been to Australia.

The message from the U.S.P.A. in reply to my presentation of the evidence of

Kelly's thievery of my copyrighted material was, "Boys, shake hands and forget your differences for the good of the U.S.P.A."

That did it! I had doubted for a long time the real motives of my so-called friends and fellow charter-members. Now I accepted fully their stand. I immediately wrote my resignation from membership in the U.S.P.A., from being a Life Member and Veteran Director on their Board. It was no honor to be affiliated with an organization which not only condoned thievery and dishonesty, but refused to accept the fact that the U.S.P.A. was rotten at the core.

I printed an announcement that I had resigned from the organization and had nothing whatever to do with it. This announcement I put on the 1st page of our Advanced Sciences Advisory, and have run it in every issue since 1983.

In 1982, the Denver Chapter, the largest group involved in membership in the U.S.P.A., hosted the U.S.P.A. meeting held in July at the Colorado School of mines.

For some reason, the U.S.P.A. rewarded their efforts by deciding to hold their 1983 meeting in Portland, Oregon, instead of meeting in Denver again. The Denver group decided to cancel their membership in the U.S.P.A. and have their own yearly conference. We were invited to speak at the conference, held at St. Regis College, Denver, in 1983, which we did. Dean Stonier and his group were very hospitable. We thoroughly enjoyed the Conference. After the conference, we were shown the sights of Denver, a delightful city, and taken by Dean and Phyllis to Central City, an old mining town in the mountains, where we were introduced to the breathless delights of "The Oh My God!" Road, a local phenomena.

We participated in the program of this wonderful Western Psychotronics Association for five successive years.

As the group grew and its interests became more cosmopolitan, the name was changed to Global Sciences Institute.

Last year, 1987, we did not participate in the program because we had already made commitments to attend the Eastern Acres Conference at Carlyle, Pennsylvania in August, just after the Global Sciences Conference in Denver, so we had to go there.

Altogether, counting the I AM conference at Stapleton Plaza in Denver, we participated in seven conference programs in Denver.

Advanced Sciences Research and Development Corporation was chartered in 1967, under the Laws of the State of Florida, while Louise and I still lived in Florida.

When Sarah and I began working together, I had set up the Corporation offices in my home in Lakemont, Georgia, and registered the Corporation under the Laws of the State of Georgia. Over the years since 1980, the Corporation's scope expanded. We established the Institute of Advanced Sciences to fulfill the Corporation's

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commitment to education. We offered a few correspondence courses and began work on putting together other courses, all concerned with teaching an understanding of Eloptic Energy, a term I had coined in the Office of the Patent Commissioner in Washington.

Our good friend Nancy Williamson, in Ft. Lauderdale, Florida, had helped finance my research for a number of years by a regular donation from her large income from her father's patents, which as a donation to Advanced Sciences Research and Development Corporation, Inc., a 501-C3 Non-Profit Corporation, enabled her to take it off her income tax return. Though her donation seemed large at first, inflation soon whittled it down. I had built and sold a few instruments over the years, and taught students how to use the instruments, but with the increase of inflation and increasing expenses of running the Corporation, it was necessary to build and sell instruments to finance the corporation's activities.

1980 - 1988



*Dr. Hieronymus building roof over the patio
of his home in 1981.*



*Dr. Sarah Hieronymus and Nadyne Reed in
Lakemont, Georgia, in 1984.*

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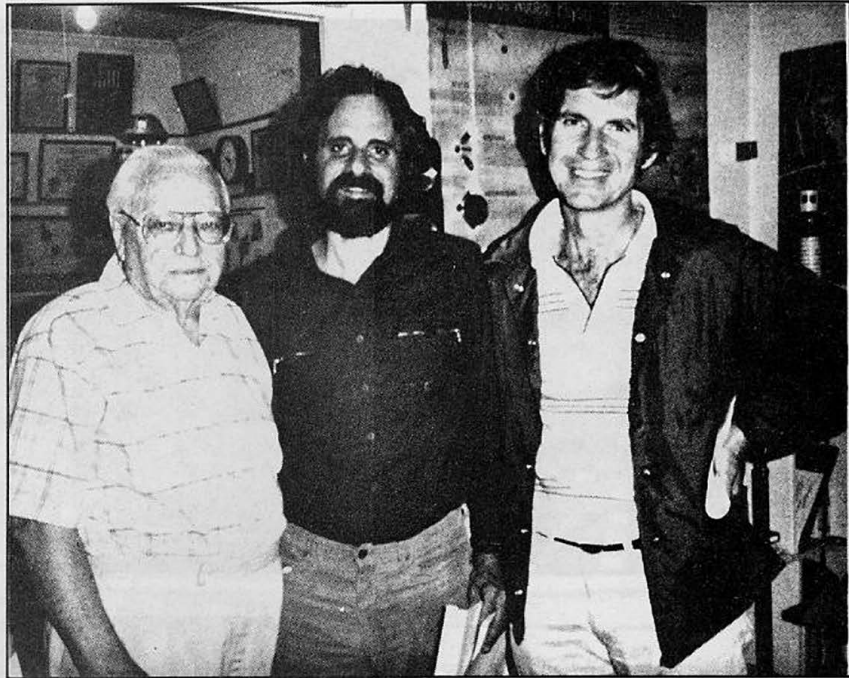
*Dean Stonier,
Dr. Hieronymus,
Bill Lawson,
Dr. Sarah Hieronymus
and Melva Lawson, at
Western Psychotronics
Association
at St. Regis College,
in Denver, Colorado,
in 1984.*



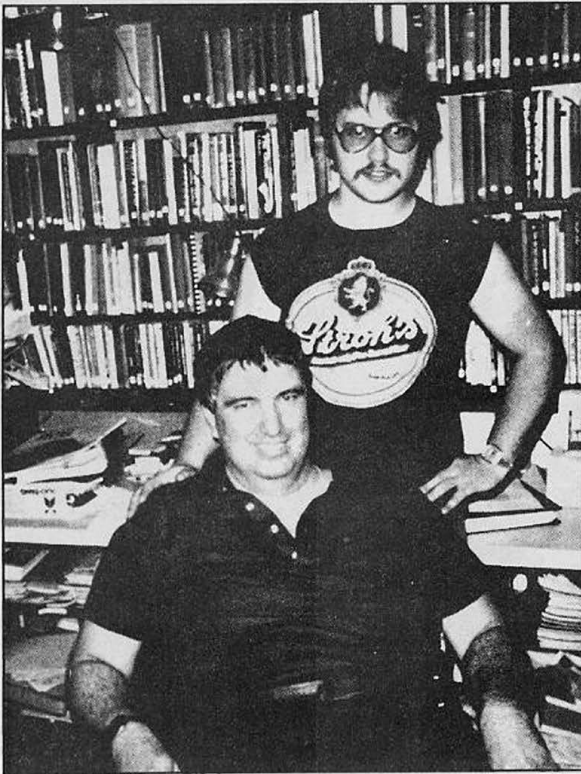
*Professor Sam Lentine,
Dr. Sarah Hieronymus,
and Jennie Wolff,
at Advanced Sciences
R&D Corporation
August 1984.*



1980 - 1988



*Dr. Hieronymus with Dr. Barry Ratner, and
Jerry Hodges (of Agnihotra Movement)
at Advanced Sciences in 1983.*

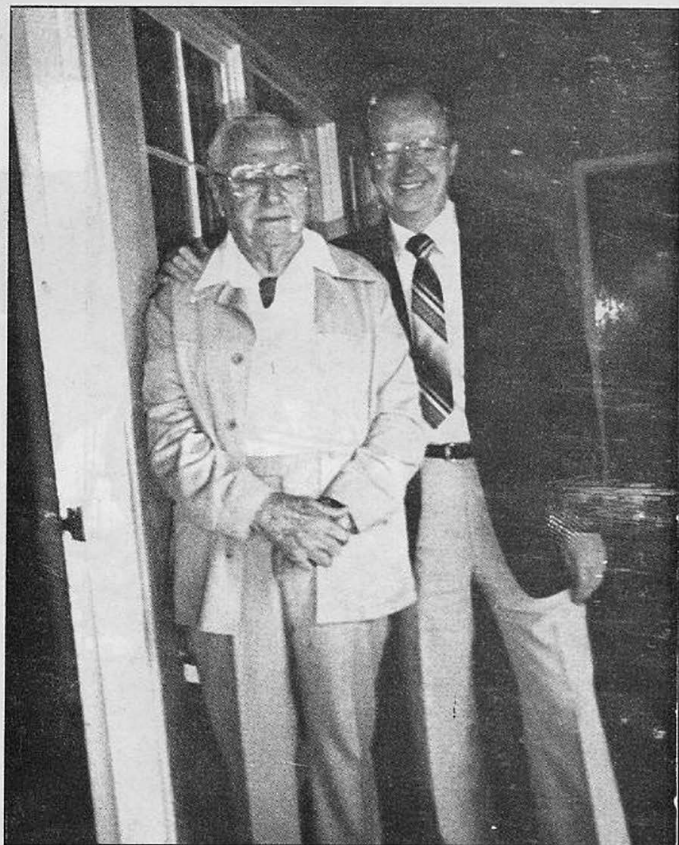


*Preston Nichols, Researcher par excellence, and
his Assistant, at Advanced Sciences R&D
Corporation, Lakemont, Georgia, in 1984.*

The Story of Eloptic Energy



*Dr. William Brown and wife,
Maria Brown at ASR&D
Corporation office in 1984.*

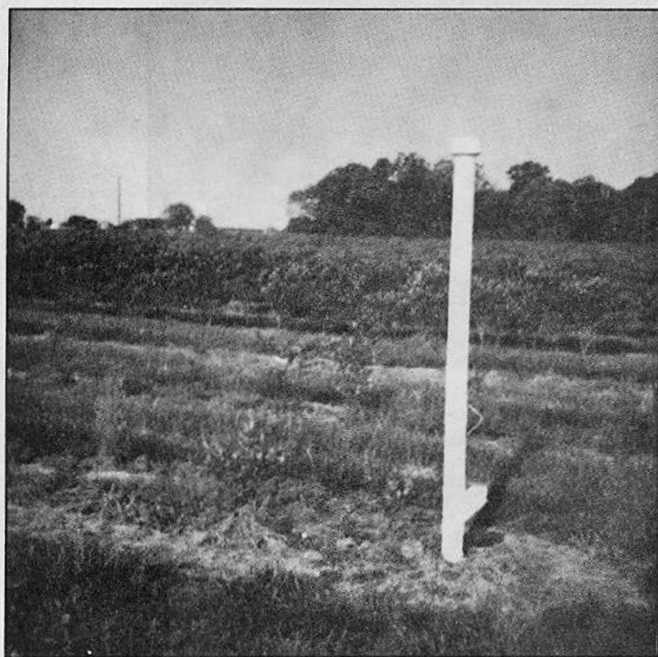


*Dr. Hieronymus and Stan Sobel in
San Diego, California, in 1984.*

1980 - 1988



Research Associate, Mark Moeller, (Pea Ridge, Arkansas) and Tac Kikuchi at Del Mar, California, examining tomato plants in 2500 acre tomato field being grown under Cosmic Pipe Energy in 1985.



The Cosmic Pipe in Blueberry field in Arkansas in 1984.

The Story of Eloptic Energy



Dr. Hieronymus taking a water sample for testing from a pond in an Apple orchard in Habersham County, Georgia.

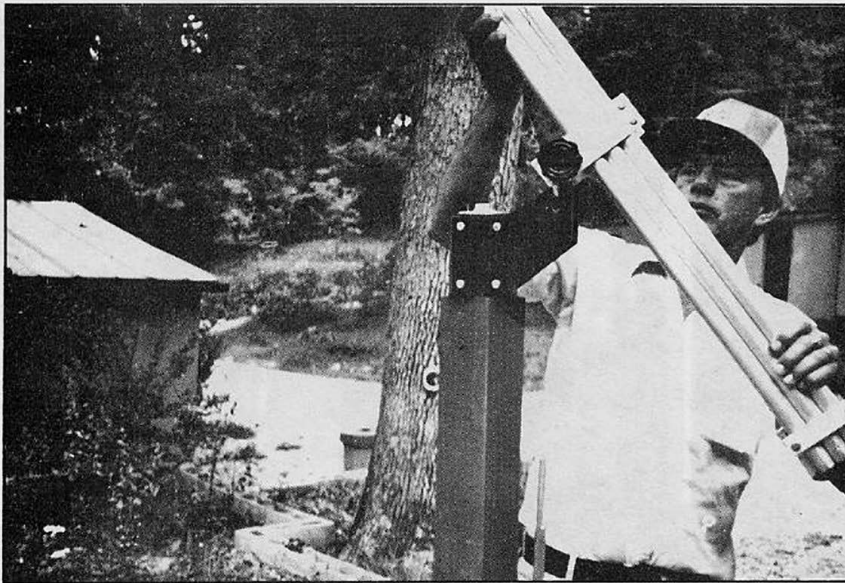


Daniel and Alan Mitzlaff installing Cosmic Pipe in Apple Orchard, 1986.

1980 - 1988



Kansas farmer admiring his Organic Wheat, grown with Cosmic Pipe energy without sodium fertilizers and chemicals.



Alan Mitzlaff checking Cloud Buster designed by Dr. Hieronymus, and built by Alan and Dr. Hieronymus in 1987.

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*Rolf (Rho Sigma)
Schaffranke,
Hilda Schaffranke,
and Eric Ryder at 1st
Annual Hieronymus
Energy Conference,
at Ole Clayton Inn,
Clayton, Georgia, 1986.*

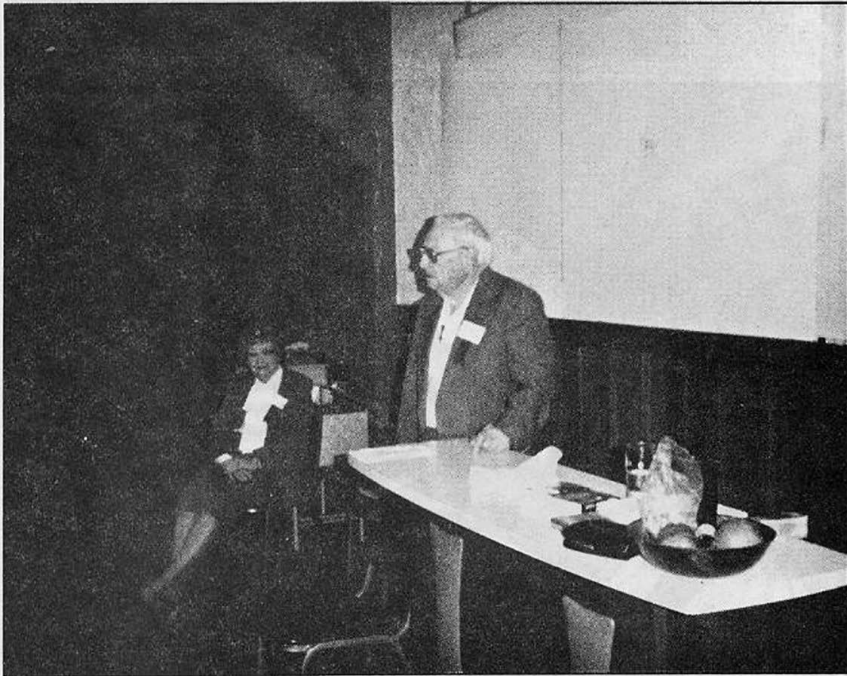


*Nathan Babcock, Research Associate of
Advanced Sciences R&D Corporation
and Mrs. Louise Coldren after installing
a Hieronymus Cosmic Pipe on Mrs.
Coldren's farm in Rabun County,
Georgia, in 1987.*

1980 - 1988



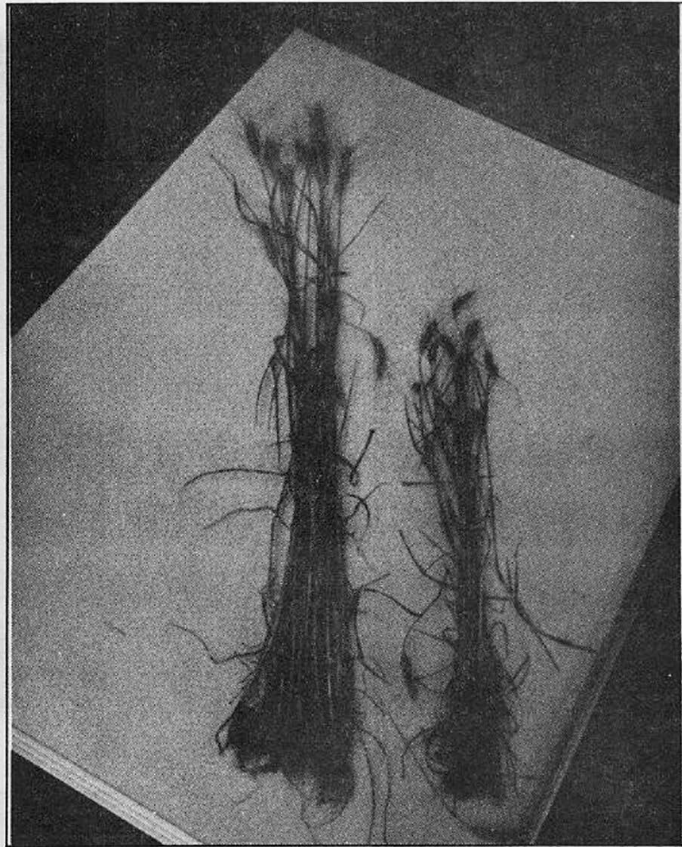
*Dr.'s Galen and Sarah
Hieronymus and group
from MUFON
Association and Energy
Conference in Dallas,
TX, in August 1986.*



*Dr. Galen Hieronymus
addressing Hieronymus
Energy Conference,
Clayton, Georgia,
January 1987.*

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Samples of Wheat, 1987, from 2 Kansas Farms. The larger sample, larger seed pods, greater root system, grown without sodium fertilizers and chemical poisons, with the Hieronymus Cosmic Pipe. The smaller sample was grown on neighboring farm with sodium fertilizers, poisonous chemicals, and anhydrous ammonia.



Dr.'s Sarah and Galen Hieronymus at Global Sciences Conference, Denver, Colorado, August 1986.



1980 - 1988

ADVANCED SCIENCES RESEARCH and DEVELOPMENT CORPORATION, Inc.

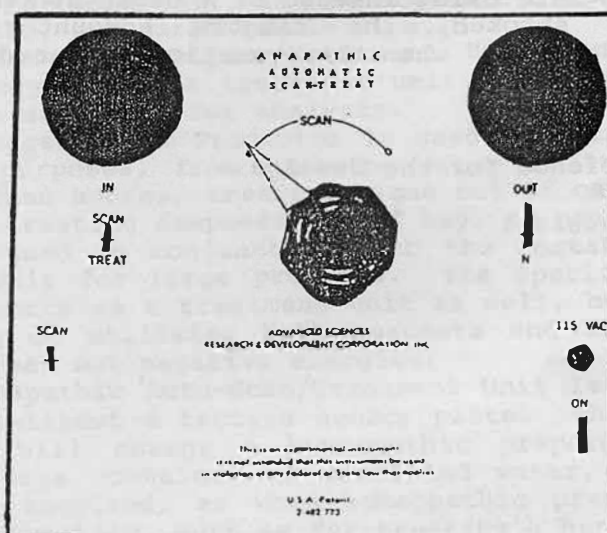
Dr. T. Galen Hieronymus, Ph.D.
President

Dr. Sarah E. Hieronymus, Ph.D.
Secretary-Treasurer



P. O. Box 109
Lakemont, Georgia 30552
(404) 782-5347

GENUINE HIERONYMUS ANAPATHIC INSTRUMENT



When you need results in a hurry, there is nothing like the results you get from a "Genuine Hieronymus" anapathic instrument. Take for instance, in the morning there may be a cow or two that needs attention. With an analyzer it would take a couple of hours, but with the anapathic, only minutes. Just put the specimen in and set it to scan. Within 35 seconds it is done. Turn to treat and set timer for 20 minutes. When the buzzer sounds, the job is completed. Then attend to the second one, within an hour you're done!

The farmer that has any number of livestock surely must look into having his own anapathic instrument. The savings alone on the vet bill could pay for the instrument in a very short time. Remember, this is a one time investment. Most farmers could well save 80% or 90% of their vet bills each year! How much money would you save? You know farming today is different. We must start looking for ways of spending what little money we do have just once. How many times have you waited to call the vet, then it took more than one service call to your farm? So many times if you would take care of the problem yet tonight, it would be better in the morning.

The Story of Eloptic Energy

Radionics owes its next great impetus to a pioneer of radio, Thomas Galen Hieronymus, formerly of Kansas City, who produced some ingenious instruments which used vacuum tubes for "amplification" and condensers, instead of resistances, for "tuning". To Hieronymus belongs the honor of being awarded one of the most unusual patents ever granted by the United States Patent Office. This patent - No. 2,482,773 granted in 1949 - describes an instrument for the 'detection of emanations from materials and measurement of the volumes thereof.' As a detector, it used a rubbing-plate, which, by this time, many were using instead of a human abdomen. When the plate is stroked, the fingers encounter tactile resistance or "a stick" when the emanation is tuned in.')

Excerpt from:

RADIONICS: A Science for the New Age

By: Edward W. Russell

ADVANCED SCIENCES R&D CORPORATION

Our Corporation currently produces eight Eloptic Energy Instruments. These include: The Portable Analyzer/Treatment Unit, The Small Portable Analyzer Unit, The Reagent Beam Projector, The Specific Rate Beam Projector, The Anapathic Auto-Scan/Treatment Unit, The Homeopathic Preparator, and a Small, Medium, and Large Cosmic Pipe.

The Portable Analyzer/Treatment Unit can be used as both an analyzer and a treatment unit. The Small Portable Analyzer is used only for analysis.

The Reagent Beam Projector is used as a treatment unit with many purposes, from cleaning water to treating odors out of chicken houses, treating algae out of cattle watering tanks, and treating dampness out of hay, to name only a few. It can be used in conjunction with the Portable Analyzer/Treatment Unit for large projects. The Specific Rate Beam Projector works as a treatment unit as well, but it has the flexibility of utilizing both reagents and Eloptic Energy Rates to treat out negative energies.

The Anapathic Auto-Scan/Treatment Unit is an automatic instrument without a tactile sensor plate. The Homeopathic Preparator will charge a homeopathic preparation into a small or large container of distilled water, depending on the dosage required, as when homeopathic preparations are desired in quantity, such as for treating a herd of cattle.

The Cosmic Pipe is designed to balance the soil, with an abundance of solar and planetary energies picked up at the accumulator in the top of the pipe, modulated by energies needed by the plants, and broadcast underground into the soil to aid the plants in their transmutation of elements into what they feed upon. It is not necessary to use fertilizers when the pipe is used.

All of our instruments and pipes that we sell are sold with the purpose that they be used for experimental use in research to improve the quality of life and health of plants and animals. Being experimental in nature, it is not intended that they be used in violation of any Federal or State law that applies.

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THE INSTITUTE OF ADVANCED SCIENCES HOME STUDY COURSES

Our Home Study Course in Basic Development of Sensitivity is now available to students. This course is a prerequisite to all of the other courses that we offer except Science of Eloptic Energy.

Basic Development in Sensitivity covers the sensitizing of the senses used in everyday work and learning. In order to use present day Eloptic Energy equipment, hands and the sense of touch should be developed to be efficient. The exercises and practices outlined in this course are designed to do exactly that. There are twelve lessons and practice outlines in this course. For more information on this and other courses we offer, write to: Institute of Advanced Sciences, P.O. Box 109, Lakemont, GA 30552.

ELOPTIC INFORMATION ENCYCLOPEDIAS

Advanced Sciences R&D is pleased to announce that it has for sale a set of Encyclopedias consisting of the following 11 books:

1. Dr. T.G. Hieronymus & Advanced Sciences Research and Development Corporation, Inc.\$25.00
 2. General Information\$15.00
 3. UKACO Project Information\$ 7.50
 4. English Radionics\$15.00
Dr. Ruth Drown's Reprints (Radio Therapy)
 5. Volume #1\$15.00
 6. Volume #2\$15.00
 7. Volume #3\$15.00
 8. Dr. Albert Abrams & Dr. Thomas Colson\$25.00
 9. Dr. J.W. Wigglesworth & The Pathoclast\$10.00
 10. Various Rates and Their Uses\$35.00
 11. Reprint: "The Secret of Life", By G. Lakhovsky ...\$15.00
Reports Available
 12. Tracking The Astronauts In Appalo "11"\$10.00
- When placing an order, please order by the number as well as the title of the book.

COSMICULTURE - THE NEW AGE AGRICULTURE

By: Dr. T. Galen Hieronymus

Let us begin our appraisal of the new System of Agriculture we call Cosmiculture with this very suitable quotation by Appolo Astronaut, Edgar C. Mitchell:

"There are no unnatural or supernatural phenomena; only very large gaps in our knowledge of what is natural. We should strive to fill those gaps of ignorance."

In our work for the last fifty-odd years, that is exactly what we have been doing! We have been pioneers in the exploration of subtle energies, in our attempt to fill the gaps in what is known about the higher, finer energies of matter and energy, outside the Electro-Magnetic Spectrum. We feel that so far we have been successful in our quest for knowledge, but we know there is still much to learn. In the nineteen-thirties, I did a successful experiment in an effort to learn if solar energy could be conducted over wires. When I found that it could, I realized what a tremendous sea of energy we on this planet are living in!

At that time we had not yet entered the Chemical Era in which we live today. Then there were no toxic chemical Pesticides and Herbicides, no sodium type commercial fertilizers. It is only since the Vietnam War that the nerve destroying toxic chemicals developed for chemical warfare have been recommended to the American Farmer for the purposes of killing insect pests and destroying weeds.

It is only lately that exorbitant prices for inadequate commercial fertilizers and all the modern medicines designed for livestock have made paupers of free-spirited farmers of this nation and other nations, wherever these Chemical-farming methods have been exported. Several years ago, as I saw the plight of the producers of the food of our nation, I got out my 1930 experiments and began seeking ways and means of using the sea of Free Energy all around us. The result of this experimentation is "The Cosmic Pipe" and our new method of farming we call "Cosmiculture".

First of all, the Rules of Eloptic or Subtle energy, apply to all phases of life on this planet, including the minerals and soil of the Planet. Everything is emanating energy, since all things are made of crystallized energy.

The Story of Eloptic Energy

It is generally accepted that the Atom is the building block of Nature. As Dr. Rudolph Steiner, the great pioneer of Bio-Agriculture wrote and taught, "the natural methods are the best methods. The natural energies provided by nature are the greatest remedies."

We have all around us, as Dr. Steiner reminded us in his lectures on Agriculture, a great sea of energy: cosmic energy, solar energy, lunar energy, planetary system energy from the planets of our solar system and the planetary energy or the Eloptic Energy of our planet Earth itself. Without sunlight or the solar energy, there would be no photosynthesis, and no full growth of plants; Ergo, no harvests. The other energies are more subtle, but necessary, nevertheless. We also have so much electromagnetic and sonic energy in the atmosphere today that the Federal Government has been considering limiting the number of radio and television stations licensed in the future, because of our present level of electronic and sonic smog.

All this is energy: free energy, which we found may be tapped and conducted over wires. We have been building and testing our Cosmic Pipe for the purpose of carrying these cosmic energies from space down into the soil to be used for the redemption of the farming land from the load of poisons the chemical means of agriculture has imposed upon it, and balancing the soil content.

In order to fulfill our quest for free energy for the farmer, and as a means of cleansing his land from poisons and growing healthy stock and crops, we have had to understand the situation of this planet orbiting in a sea of energies. We had to learn about methods of bringing the energies from the areas mentioned by Dr. Steiner, into practical contact with the earth and the roots of plants. We already had the results of our experiments for over fifty years, our Eloptic Energy Analyzer and Treatment Analyzers. The use of one of our Eloptic Energy Instruments will give the farmer a means of analyzing and treating poisons out of feed for stock, of eliminating insect pests by treating plants and at the same time raise the vitality of plants. Use of a "Genuine Hieronymus" Analyzer gives the farmer a wholistic method of analyzing and treating sick stock, improving the health of flocks, treating fields for improved yields, etc. with the energies of finer media. We trust at

the same time consciousness is being expanded so that we may all gain a little more understanding of these energies.

The "impossibility of the impossible" is no longer a true hypothesis as we discover more and more about the nature of energy and the various forms and distinctive categories of energies. All the results of our research of the past is becoming more and more credible today, in the light of what is becoming accepted by scientists and manifested in the everyday working world in which we live. So we combine the "Genuine Hieronymus" Eloptic Energy Analyzer and our proved methods of working with it for best results, with our new Cosmic Pipe, for the achievement of that type of Agriculture we call "Cosmiculture". We are now prepared with the "Genuine Hieronymus" Eloptic Energy Analyzer and Treatment Instrument and the Cosmic Pipe, to use the finer media energies for the benefit of mankind.

When the Cosmic Pipe has been installed, it is gathering "Cosmic" energies of space into its head, from the air, putting them down a conductor through a resonance chamber to a modulating well, where we place whatever we wish to modulate the energy with, and then it goes on down into the amplifier-radiator in the pipe, set at least two feet deep in the ground. There the modulated energies are broadcast horizontally in a broad band out through the soil to the roots of the plants. The results have been tremendous. For many years we have seen soil being treated with soil nutrients and the use of organic methods of culture show peaks and valleys of soil nutrient deficiencies. In the six years of testing Cosmiculture we have seen soil come into full balance in six months without the addition of tons of nutrients. Harvests have been doubled, the time of production shortened by two weeks to a month and the natural sugar content of fruits, melons and berries has been markedly increased. Hay crops have been tripled, with heavier bales.

Tests we have done in the evaluation of methods of gathering energy with the pipe have proved that large amounts of copper or aluminum used in some manufactured devices are extremely detrimental to people and cattle as well as plants, so I have eliminated aluminum in the pipe and held copper to the barest minimum possible. We have found that huge amounts of copper radiated into the ground

The Story of Eloptic Energy

through the soil have thrown the iron-copper balance out of harmony, decreasing the amount of iron in the soil and increasing the amount of copper beyond the needs of plants.

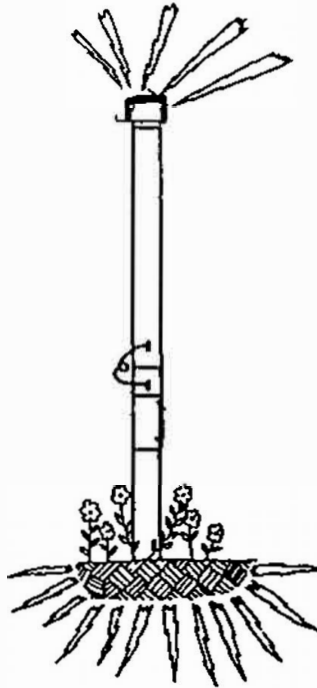
The Pipe also has had some effect on the weather in the areas where we have these installed, in fifteen different states. In our own vicinity, we have noticed that we no longer have violent weather and storms. The rain is gentle and falls often. Temperatures have been mild, compared with temperature before we installed the big pipe in our land.

We teach the farmer Cosmiculture with the Cosmic Pipes, to bring energy into the various fields and to modulate the soil with the Reagents needed by the soil, and with the "Genuine Hieronymus Eloptic Energy Analyzer and Treatment Instrument. We now can define this as a Wholistic method of agriculture which includes use of Natural Cosmic energies for the soil balance and rejuvenation, the use of the Analyzer and Treatment Unit to balance animal and poultry digestive systems, analyze the animals needs, analyze soils and organics, analyze and treat out water pollutions and take care of insect pests. We show you how to graph your data so that you can read and understand the balances and imbalances in you soil, crops, seed and plants.

In this manner, with the tools of Cosmiculture, you can have a definite work-plan, based on definite (not guessed at) evaluation of each field's individual needs, the health and food needs of your animals and chickens and turkeys and a means of correcting such health problems that have resulted from long time feeding of poisoned feedstuffs. We teach you to eliminate the costly guessing techniques now in practice among the "orthodox" farming methods, allowing you to avoid expensive duplication in plant and animal food and health programs. Thus you are able to individually monitor with the "Genuine Hieronymus" Eloptic Energy Analyzer and Treatment Instrument, the problem areas and know for sure just where help is needed and give the help needed immediately. You can take care of pollution problems and eliminate expensive pesticides and fertilizers. At the same time, your Cosmic Pipe equipment is balancing and harmonizing you soil, with free energies of Cosmic strength and power, resulting in soil balance, rejuvenation of soil, enrichment of soil, revitalization of soil and harmonizing of soil. This treatment of the soil results in earlier

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fruition, increased yield, higher quality, nutritious crops, healthier stock, greater profits, elimination of pesticides and reduction in the use of fertilizers. The quality of the food you produce will be greatly improved. The net result, of course, is more money in you own pocket; a reward for your labor and the satisfaction that is every farmer's birthright: Satisfaction with your work and it's rewards and Joy in living a harmonious life.



The Story of Eloptic Energy

CONDUCTING CHLOROPHYLL ENERGY OVER WIRES

About 1930, I decided to try an experiment of conducting Chlorophyll Energy over wires. I had been conducting Eloptic Energy over long distance via wire.

A wood platform was installed on the south side of the house about six feet above the ground in order to get the desired potential of energy which increases with distance above the ground.

Having some wooden cigar boxes available, I cut boxes apart and cut pieces and made eight boxes that were 2" x 2" x 4" although any size boxes will work.

Aluminum foil was placed on the bottom of seven boxes inside so as to be in contact with the soil. Similar pieces of foil were placed on the under side of the lid of each box. Wires were connected to each piece of foil, the wires from the lids were extended to the sun plates, the wires from the bottom foils were connected to the water pipe and thus grounded. See Figure #2 for details of the box construction.

Refer to Figure #1 which shows a "side" view of the installation. Figure #3 shows the system of connections.

Seven plates were placed on the platform so as to pick up energy from the sun and a wire was connected to each plate and extended down into the basement, each box having the top foil plate connected via wire to a plate out on the platform in the sunlight. The eighth box had no connection to the outside, it being the "control".

The plates on the platform were all different in size. The smallest was 2" x 4", the next 4" x 8", the largest was about 8" x 10" and one plate was copper screen wire.

Some dirt was screened and 1/2 inch of dirt placed in each box. Oat seeds were selected, all of uniform size and planted in two rows of 5 seeds spaced in each row, the 1/2" of dirt was placed on top in the box. The same amount of water was added to each box as needed from day to day.

All of the seeds sprouted about the same time. Then we noticed that there was no chlorophyll in the 10 plants in the control box. All of the boxes connected to outside plates had plants with much chlorophyll.

We were quite surprised to note that the plants in boxes with large outside plates seemed to look as if they

had been subjected to heat. Apparently the large outside plates were bringing in an excess of energy compared with the effect of the small size outside plates.

Very soon, the plants grew too tall for the small amount of "head room" in the boxes so each box was equipped with a spacer to raise the top of each lid up about $3/4$ ".

The boxes were placed on a shelf in the end of the basement where there was little light, with no windows at that end. Also, the shelf was kept dark by a board placed in front and another on top to exclude all light. The plants were dark all of the time except when they were examined by a flashlight.

A friend tried to duplicate the experiment, but did not follow all instructions. Their basement was only about 3 feet from basement floor to ground level outside. Instead of placing the outside plates above ground 6 feet, they laid on the ground, thus they did not have the potential difference between outside collector and inside boxes and the experiment was a failure. Also, there was a window near that let much light into where the boxes were placed.

Anyone who expects to duplicate an experiment should be sure they know all the factors and that they follow the instructions exactly without any substitution or change. And as to changes, if you are trying to get a special result and are trying out several methods or ideas, one of the cardinal points to doing good work is to make just one change at a time. Then you know just what the results are. If you make two changes and the result is a failure, you do not know but that one of the changes and the result is a failure, you do not know but that one of the changes may have been alright. (See Figures #1, 2, and 3 next page).

By: Dr. T. Galen Hieronymus

The Story of Eloptic Energy

THE PORTABLE ELOPTIC ANALYZER/TREATMENT UNIT

This instrument is used to analyze, monitor, and positively manipulate Eloptic Energy.

It is used for animal and family needs, treating crop plants, raising the energy of fields and crops, soil testing, plant growth analyzing, treating animal and plant health, etc. This portable energy package includes: The Portable Eloptic Analyzer/Treatment Unit (which comes in its own case with lid for easy transport), Two books (The Eloptic Energy Manual and The Cosmiculture Manual), assorted Reagents, and a wall socket power supply. As with all of our instruments, it comes with a one year warranty against defects in manufacturing and workmanship.

THE SMALL PORTABLE ELOPTIC ANALYZER UNIT

This is a new instrument that we have recently developed in response to several requests for an individual analyzing unit.

It utilizes the analyzing components from our Portable Analyzer/Treatment Unit, but it does not contain any of the treating components. It is only used for analyzing. This instrument is very good for those of you who want to continuously monitor and analyze an ongoing project. It is also excellent when used with some of our other instruments and equipment such as our Beam Projectors or our Cosmic Pipes for various and assorted projects.

This package includes: The Small Portable Eloptic Analyzer Unit, a Small Rate Book, several test charts, and a wall socket power supply. This instrument also includes a one year warranty.

THE SPECIFIC RATE BEAM PROJECTOR

This instrument utilizes the treating capability of the Portable Analyzer/Treatment and has the versatility of the Reagent Beam Projector. It can be used in much the same way as the Reagent Beam Projector, but it has the bonus of being able to treat on specific rates of Eloptic Energy to cancel out negative conditions, much the same way the Portable Analyzer/Treatment Unit works in treatment mode. It is great for using in conjunction with the Portable Analyzer/Treatment Unit if you have a project where you do not want to tie up your analyzing instrument while you are treating out a problem.

This package includes: The Specific Rate Beam Projector, Selected Farm Reagents, One Book (The Cosmiculture Manual), a wall socket power supply, and a one year warranty.

THE HOMEOPATHIC PREPARATOR

This instrument is another one of our new designs recently developed. It was developed in response to requests from those people who are working with large amounts of Homeopathic Preparations.

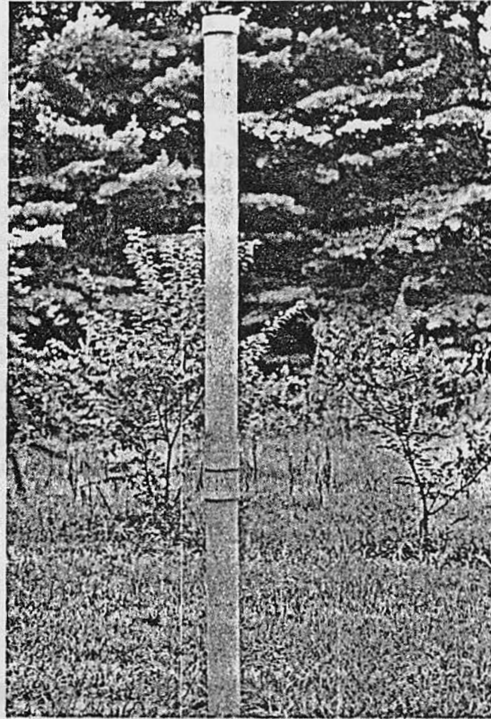
This instrument utilizes some of the technology that went into the development of the Reagent Beam Projector, but with the central design purpose being that of preparing Homeopathic Preparations. This instrument is very useful to those researchers who prepare large amounts of Homeopathic Preparations at one time.

This package includes: The Homeopathic Preparator, One Book, Two Kits of Homeopathic Remedies suitable for EXPERIMENTAL USE in treating, a wall socket power supply, and a one year warranty.

The Story of Eloptic Energy

THE COSMIC PIPE

The Cosmic Pipe is a self-driven broadcaster used directly in the field to stimulate biological transmutation and effect a balanced harmony in the soil, resulting in improved quality and quantity. When the Cosmic Pipe has been installed, it is gathering the "Cosmic" energies of space into its head, from at least six feet in the air, putting them down a conductor through a resonance chamber to a modulating well, where we place whatever we wish to modulate the energy with and then it goes deep into the ground. There, the modulated energies are broadcast horizontally in a broad band out through the soil to the roots of the plants. The results have been tremendous.



For many years, we have seen soil being treated with soil nutrients and the use of organic methods of culture show peaks and valleys of soil nutrient deficiencies. In the years of testing Cosmiculture, we have seen soil come into full balance in six months without the addition of tons of nutrients. Harvests have doubled, the time of production has been shortened by two weeks to a month and the natural sugar content of fruits, melons, and berries has been markedly increased.

The Cosmic Pipe is offered in three sizes: Small (up to 10 acres*), Medium (up to 640 acres*), and Large (up to 2500 acres*).

*Acreage may vary due to terrain. All of the Pipes come with instructions and Selected Farm Reagents.

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ILLINOIS DAIRY TEST SUPPLEMENT

Gene Litweller, Dealer
Phone (815) 389-2720

<u>Date</u>	<u>Pounds of Milk/Day</u>	<u>Income Increase</u>
April 26, 1985	Cosmic Pipeline Installed	
May 10, 1985	Approximate time of "Shed-down"	
" 15 "	-0-	-0-
" 16 "	12.0	1.56
" 17 "	114.0	14.82
" 18 "	150.0	19.50
" 19 "	150.0	19.50
" 20 "	125.9	16.37
" 21 "	223.5	29.05
" 22 "	272.3	35.40
" 23 "	400.4	52.05
" 24 "	467.5	60.78
" 25 "	461.4	59.98
" 26 "	559.0	72.67
" 27 "	491.9	63.95
" 28 "	461.4	59.98
" 29 "	444.0	57.72
" 30 "	480.0	62.40
" 31 "	522.4	67.91
		<u>\$ 693.64 TOTAL</u>

*Note: Milk prices based on Average \$13.00 per cwt.

The Story of Eloptic Energy

ILLINOIS DAIRY TEST

March 24, 1985	Soil Test from Map	Average 292.28
April 26, 1985	Installed "Cosmic Pipeline"	
May 14, 1985	Soil Test from Map	Average 637.0
May 31, 1985	Soil Test from Map	Average 687.14

<u>Date</u>	<u>Milk Record</u>	<u>Daily Production</u>	<u>Notes</u>
May 15, 1985	34.4/cow	2064.0 #	Cows on "old" feed this date.
" 16 "	34.6	2076.0 *60 cows	Cows started feeding Greenchops "new" feed.
" 17 "	36.3	2178.0	
" 18 "	36.3	2214.3	Added one cow
" 19 "	36.3	2214.3	
" 20 "	35.9	2189.9	
" 21 "	37.5	2287.5	Started feeding "new" Alfalfa Hay.
" 22 "	38.3	2336.3	
" 23 "	40.4	2464.4	*61 cows
" 24 "	41.5	2531.5	
" 25 "	41.4	2525.4	
" 26 "	43.0	2623.0	
" 27 "	41.9	2555.9	
" 28 "	41.4	2525.4	
" 29 "	41.8	2508.0	
" 30 "	42.4	2544.0	*60 cows
" 31 "	42.4	2586.4 - *61 cows	
		40,508.5 #	

* 27 of 61 cows are first-calf heifers.

	<u>Bacteria Count</u>	<u>Wisconsin Mastitis Test</u>
Dec.	68,000	12
Jan.	11,000	9
Feb.	22,000	15
Mar.	17,000	24
Apr.	15,000	20
May	2,000	10
June	79,000	-
July	1,000	-

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**ADVANCED SCIENCES
RESEARCH and DEVELOPMENT CORPORATION, Inc.**

Dr. T. Galen Hieronymus, Ph.D.
President

Dr. Sarah E. Hieronymus, Ph.D.
Secretary-Treasurer



P. O. Box 109
Lakemont, Georgia 31
(404) 782-8347

RON SCHULTZ, Dealer
Buxton, North Dakota

	Commercial Wheat \$50.00 per acre	Cosmiculture Wheat Pipe installed Jan. '85	Percent Increase
Seed Weight	Av. .36905 g/seed	Av. .4222 g/seed	+14.40%
Seed Head Count	42 @ 15.5g	45 @ 19.0g	7.14%
Seed Width	Av. 336.6mm	Av. 341.7mm	+ 1.52%
Range sm/lg	306/355 (49mm)	334/350mm (16mm)	
Stalk diameter	205.5mm	Av. 247.5mm	+20.44%
Stalk Wall Thick- ness	27.5mm	37.5mm	+36.36%

COSMICULTURE ENERGY FEED ANALYSIS

	Energy	Digestability	Feed Assim.	Protein Content	Mineral Imbal.	Chemical Poison	Metall Poison
Cosmi Wheat	786	595	738	485	73	52	64
#50 Fert. Wheat	436	210	394	205	67	54	77

	Protein	Bushel Weight	Yield	Sold**	Gross/Ac	Cost	Net//
Cosmic Wheat	11%*	58#	50 bu/ac	\$2.14	\$107.00	\$ 2.00	\$105.00
Commercial Wheat	12.3%	59#	50 bu/ac	\$2.68	\$134.00	\$50.00	\$ 84.00

Note: * Wet weather caused four-weeks delay in harvest.

** Price based on 13% protein scale.

When Iowa Lays on the Paper

The use of law is ever a fascinating subject. Attorney Generals opine, prosecutors make deals, wash out charges and in general act tough when they have helpless people under chain and gun. Some months ago, the Attorney General of Iowa laid some paper on just about everyone in sight connected with radionics. For reasons not at once apparent, the Attorney General's Office of Iowa decided—without understanding the grammar of the subject—that those who dealt with eloptic energy were defrauding the public. As proof, these guardians of citizens' wallets likely plan to call up people who have never spent ten minutes investigating the subject, and therefore aren't worth talking to.

There are about 300 farm magazines in the U.S. *Acres U.S.A.* is perhaps alone in reporting on things like Tesla's multiple wave oscillator, cosmic pipelines, towers of power—on radionics, in short, and other forms of fringe science that have been around for decades—even a century—and if Dr. Phil Callahan is correct, *centuries!* We have wondered aloud why those who wish to experiment with these things in order to unveil nature's secrets have to flee to dictatorships in order to find a little freedom.

Radionics is simply a low level energy system that can be directed. Dr. Pat Flanagan explained the concept in an *Acres U.S.A.* interview. "When an operator's mind and emanations from the tuner are on the same wavelength, a type of resonance is established, and the detector indicates this mode. The Hieronymus detector is simply a sheet of bakelite or plexiglass under which is placed a flat spirally wound coil, connected to the output of the amplifier and the ground. When resonance is established, there is a change of tactile characteristic in the top of the detector. The change of characteristic is detected by lightly running the fingertips on the surface of the detector plate while tuning the vernier dial of the prism. Hieronymus established numbers which correlate with the known chemical elements and combinations. . . . Although the Hieronymus machine cannot be explained by modern physics, it does have merit by the fact that results can be duplicated."

Mark the words, *can be duplicated*. It is well known that there are thousands of radionic units in the field. Farmers using the scanner for instant soil tests have caused traffic to the testing labs to fall out of bed. Is this the reason for the Iowa Attorney General's sudden interest in how people spend their money?

There is something ludicrous about government people worrying about the welfare of a citizen's wallet in any case. Governments are proficient in only four areas—killing, stealing, lying and making woodenheaded decisions, including one to destroy individual businesses. Determining the secrets of nature is simply beyond the scope of an Attorney General's office. Thus enters the so-called expert—in this case someone who has concluded in advance that density on a photograph says nothing, that cells do not vibrate, that energy forms other than electromagnetic do not exist, on and on.

Our bodies contain approximately 200 quintillion cells. In this fabulous number there are hardly two cells vibrating with the same frequency. This being partly due to the incessant activity taking place within the cells, and partly to the specific characteristic of different tissues, plus other factors. From a biological point of view, it would be impossible to find at any given time two individual cells exactly alike in every respect. Every cell of every individual tissue of any particular species—land, animal or man—is characterized by its own oscillatory shock. In disequibrated cells, it would be necessary to generate as many wavelengths as there are different cells in any given body. The problem would thus seem to be insoluble. With remarkable insight Georges Lakhowsky finally evolved a solution. He designed a new type of apparatus, the multiple wave oscillator, generating a field in which every cell could find its own frequency and vibrate in resonance. The practical results he obtained in various hospitals soon confirmed the validity of his theory. His agricultural experiments were equally impressive.

Lakhowsky came to New York. He was promptly run down by a car. Against his wishes the drivers took him to a hospital. In three days he was gone. Had he survived, he might have gone to Iowa, where an Attorney General—who did not have the foggiest notion of what it was all about—would have laid some paper on him.

There is no end to government agencies making fools of themselves. What did the government really accomplish by jailing Wilhelm Reich and Victor Irons? What did the American gestapo really achieve by smashing the electronic end of cell therapy and making the nation safe for coal tar derivative drugs?

In any fair arena, a literate person could mop up the floor with the Iowa Attorney General's office, but such an arena is not available. So the battle is tilted the other way. Served with papers suitably leaked to the press, Harley Ahrens of Morrison, Illinois was promptly fired from his school job. Minnesota veterinarian Dan Skow was forced to sue for peace, figuratively smashing his machine. Across the nation farmers cower. No one can afford to fight the Iowa Attorney General fraud boys. A piece of paper served on anyone instantly costs and costs and costs. Win, lose or draw, the victim is punished and the government people laugh all the way to the bank, and perhaps when enjoying all that sick leave for not being sick. No one has a problem defending \$125.00 an hour for worthless legal conversation, but new ideas can't be tolerated.

The farmer is entitled to more. He is entitled to be left alone so these fringe sciences can sort themselves out, with the valid surviving. But there is danger in this. The answers might come out wrong for the fossil fuel industry, the grant slurping professors, and the bureau people who have a vested interest in upholding the four pillars of government mentioned above.

acres, USA.
A VOICE FOR ECO-AGRICULTURE

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THE
NEW YORK
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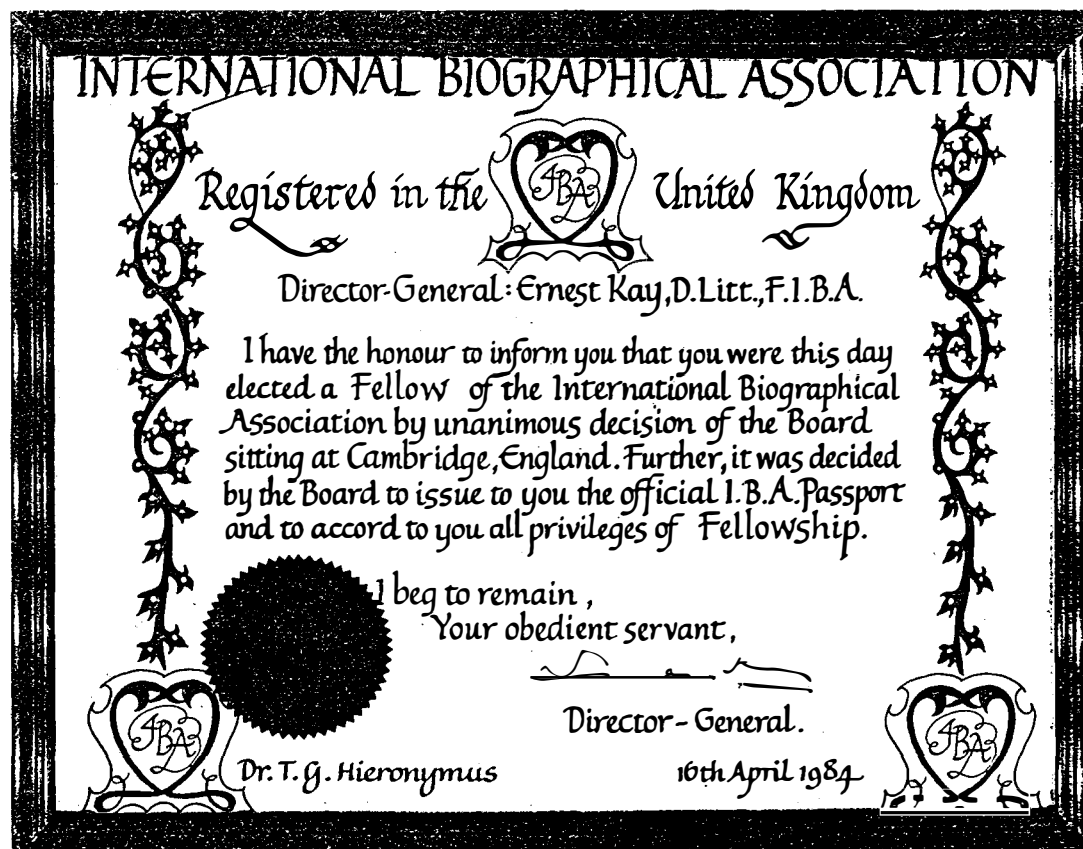
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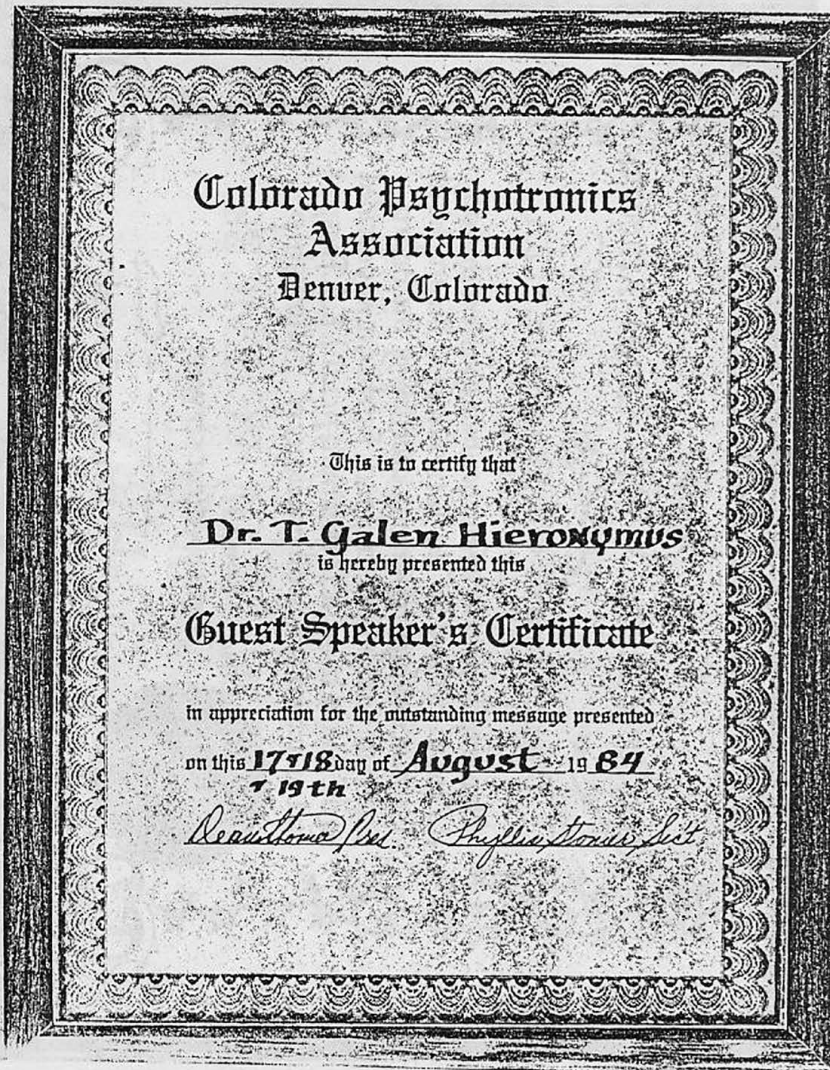
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In recognition of Distinguished Achievement within the principles
 and purposes of the World University development, the Trustees
 of the Corporation, upon the nomination of the Secretariat,
 confer doctoral membership and this honorary award upon—

T. Galen Hieronymus
 The Cultural Doctorate in
 Psychotronic Science
 with all rights and privileges there to pertaining.



Given at Tucson, Arizona on the
 Month and Day Here Recorded ~
 May 9, 1985

Alvin L. Hill
 President of the Board
Louis S. Patel
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**Global Sciences Institute
Denver, Colorado**

This is to certify that

DR. T. GALEN HIERONYMUS

is hereby selected

Youth of the Month

for outstanding service and contributions to

GLOBAL SCIENCES CONGRESS

on this 15th day of AUGUST 19 86

Dean, Honoree *Phyllis Honoree*

Award Company P.O. Box 2029 Tuscaloosa, AL 35403 C-22

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The Story of Eloptic Energy

T. GALEN HIERONYMUS - Radionic Pioneer
November 21, 1895 to February 21, 1988

We mark the passing of Dr. T. Galen Hieronymus who was a true pioneer in the field of radionics. Dr. Hieronymus was a discoverer of unique attributes of the life force which he termed "eloptic energy". His work has stimulated continuing research in radionics. His patent No. 2,482,773 has become a standard concept which many radionic instruments have been built from, some using just the pattern drawn on paper. People with original thoughts are few and far between. Galen's presence on this earth has influenced many to look beyond the norm and Borderland Sciences Research Foundation honors a man who blazed a trail for others to follow. Rather than eulogizing, we present an important experiment from his patent for future researchers to work with.

Growing Plants in the Dark by T. Galen Hieronymus

Radiations from each of the known elements of matter produce some form of energy, probably electrons which can be made to flow along electrical conductors. The flow from each of the elements having characteristics different from the others. Conversely, the flow of electrons along a conductor produces a radiation having characteristics of the radiation from each respective element.

Such of the known elements as are required to feed growing plants have been transmitted to the plants through metallic conductors as the plants were entirely isolated from the elements upon which they were fed. More precisely, seeds were planted in boxes in a darkened basement room.

One of the boxes of plants containing some of the seeds was used as a control and no apparatus for transmitting element radiations thereto provided. The remaining boxes of plants had electrodes or plates of conducting material mounted or otherwise disposed adjacent thereto, and each box of plants was separately attached to a conductor extending to a point outside the building where electrodes or plates were attached to the conductors and allowed to remain exposed to the light.

Such of the known elements as required to impart normal characteristics to the plants were apparently fed thereto by having the radiations of the elements from the light conducted to the plants through the wires and associated electrodes.

The treated plants were relatively healthy but the control plant assumed the characteristics of growing vegetation which has been deprived of the elements in natural light. Particularly was the control plant devoid of chlorophyll while the remaining plants were green.

Dr. Hieronymus' work will be carried on by his wife Sarah and their co-workers at Advanced Sciences Research and Development Corporation, PO Box 109, Lakemont, Georgia 30552.

XII

Laboratory Techniques

Developed by A.S.R. & D. Corp.

By: Dr. T. Galen Hieronymus, Ph.D., President, A.S.R. & D. Corp. and Director of Research, July 15, 1983.

Today, many who use Eloptic Energy types of instruments are interested in the use of their equipment to enhance their garden, protect from insect pests, etc. This paper will attempt to solve for the reader some of these vexing problems. At least it will furnish some information regarding proven methods that might be of interest.

The subject of Specimens comes first. We have the "thing" to be analyzed and the instrument as the analyzer. They must be brought together in some manner. If the object or "thing" is small, it is a simple matter to put it in the well of the instrument.

If the "thing" is too large, then some other method must be utilized. Most people wish to use a "specimen" of the "thing" to be analyzed. Very few people know how a specimen works or can be utilized. Let us explore that idea first. In a book by Max Freedom Long titled, "The Secret Science Behind the Miracles," we can find the answer. This book covers the psychology and religion, and the "magic" that was used by the Kahunas who were the Priests of the Polynesians who colonized Hawaii.

Their psychology covered ten "elements." The physical body and three spirits that occupied three bodies and utilized three "voltages of Vital Force." The Bible refers to this as "The Father, Son and Holy Ghost." The description of the Low Self, or subconscious, contains the key that we want. Long's book, page 138, reads as follows:

A. The shadowy body of the subconscious. It is the most dense of the three. It is of such a nature that it sticks to whatever we touch (or perhaps see or hear), and when removed from the contact, draws out a long invisible thread of itself (called an AKA

The Story of Eloptic Energy

thread), which connects one with the thing contacted, in a form of semi-permanent union. All things were supposed by the Kahunas to have a shadowy body, be they crystals, plants, animals, fabricated articles, men or gods—even thoughts (the latter being very important to their magical system and practice). This substance is an ideal conductor of vital force, and can be used as a storage place for it. When heavily charged with the low voltage of the force it becomes rigid and firm enough to be used as a “hand” or instrument to move or affect physical objects—such as in table tipping, etc.

(Editorial Note — This is the force that Uri Geller uses to bend spoons.)

We use this same phenomena when we take a leaf from a tree and use it as a specimen in our instrument. We have what they call an AKA thread connecting the leaf to the tree from which the leaf was taken. Another important phenomena is that anything that happens to the tree is instantly indicated by the leaf in the instrument. Also, when the instrument is used to affect the leaf, it will instantly be affecting the tree from which the leaf was taken. Thus, if we set the instrument dials for the purpose of sending a certain energy to the leaf, we will be sending that same energy to the tree. We can sum up this by stating correctly that, “anything that is done to the leaf will affect the tree and anything that affects the tree will show up in the leaf as will be indicated on the instrument.”

I have named the energy we are dealing with “Eloptic Energy.” Eloptic energy is easily conducted by many types of conductors such as a copper wire, light rays, etc. When we take a picture of an object, we have an AKA thread connection between the object photographed and the film or print from that film. Thus we can take a photo from a high place such as an aeroplane, of hundreds of trees, and we have a specimen or AKA thread connection between the photo and each tree, and we can send energy over that AKA thread to the trees by treating the photo with whatever we wish to affect the trees in the photo.

The AKA thread phenomena, while not recognized by orthodox physics or chemistry, is very easy to prove workable and so very useful. Voodoo practitioners use this phenomena. See slide.

SLIDE NO. 1

The Nematode has been listed by Entomologists and other authorities as “The number one enemy of mankind.” The nematode could destroy all plant life on the Planet. Man cannot live without plant life because plants give off oxygen and take in carbon dioxide while man does just the opposite, he exhales carbon dioxide and breathes in oxygen. Thus they compliment each other.

Most of the dangerous nematodes that destroy or damage plant life are so small

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as to be seen only with the aid of a microscope set for between 40 and 80 power. They are so small that it requires special techniques to get them out of their environment and onto a microscope slide where we can see them. Such a technique has been developed and is very successful.

There are many varieties of nematodes, some valuable such as the common fishing worm which is a nematode. There are two types that are of interest to the gardener or one interested in improving trees such as orange and other citrus trees. One type lives in the soil around plants. Another type is the one that burrows into the tendril roots of trees. They require entirely different methods to get them onto a microscope slide for observation so we can determine whether they are there.

The burrowing type requires very little equipment to get at them. Since they have burrowed into the fine tendril root and are microscopic, we cannot very well cut the root and extract them. Instead, we make them come to where we can get at them.

We will take the citrus burrowing nematodes first. Dig down about two feet under an orange tree at a point about where rain will drip off the outer branches and you will find many very small tendril roots. We only want the very small roots. Take a double handful of the tiny roots and wash them thoroughly. If a hydrant is close by, wash them to get all dirt and "any other variety of nematode" off the surface of the small roots. It is very important to do this immediately after the roots have been removed from the tree. Another way is to have a large bucket of water handy and wash the roots thoroughly in the water. Then put the well-washed and still very wet roots in a container such as a pint or quart mason jar. Close the top to keep the moisture from evaporating. Set the jar at a slight angle to the table so all the water that drips down will end up in the jar at the bottom and on one side.

SLIDE NO. 2

The nematodes will know that the source of their food, the sap in the roots, has been cut off. They will start to back out of the roots through the hole where they first entered and will drop down to the bottom of the jar. After 24 or 48 hours, use a pipette to take a small amount of the water that has collected at the bottom of the jar and put it in a container that will allow the water sample to spread out over a large area but not over $\frac{1}{8}$ to $\frac{1}{4}$ inch deep. After a few minutes for the water to settle down and the nematodes to drop to the bottom of the layer of water, the microscope can be used.

The type of nematode that lives in the soil, but feeds on the roots such as citrus, and such as the kind that will destroy carrots, require a different method to get at them for examination. A special device has been developed for this particular problem. It is shown on the slides or transparencies and on the attached drawings. We call it a Nematode separator.

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SLIDE NO. 3

My first separator was made by soldering together two five pound coffee cans and some pieces of $\frac{1}{4}$ " copper tubing and a few other items as shown on the drawing. The funnel was made from a piece of thin copper sheet. After the device had been used several times, it was noted that electrolysis had caused several holes to be eaten in the tin covered steel coffee can. Because of this condition, I made another separator using all copper and brass. All copper would be better.

SLIDE NO. 4

The second part was made out of a smaller can that would fit loosely into the top can of the main unit. This was a "tin" can with all of the top cut out and with all but a narrow rim cut out of the bottom. To the narrow rim, I soldered a piece of bronze screen. This is shown in the sketch.

To use the separator, proceed as follows:

1. Dig your dirt sample. In the case of a citrus tree, pick a spot as far out from the trunk of the tree as the widest branches or at what might be called the drip line, where most of the rain and moisture would drip in a ring around the tree.

In the case of a garden such as where carrots are involved, take the dirt from moist soil at about the depth where damage to the root of the plant is noted.

Remove any roots and rocks and use only the soil where the nematodes live.

2. Take a piece of clean Kleenex tissue and separate it into two sheets. Use one sheet that is free of torn places. Place the Kleenex sheet in the can with the screen bottom, being careful to avoid tears or holes. Hold the tissue in place and place the soil on the tissue, being very careful that NO dirt gets past the tissue.

3. Fill the main container with clean water up to a point about an inch from the top. Open the pinch clamp and allow a small amount of water to drain away and to fill the rubber tube. (Use water free from chlorine as chlorine will kill the nematodes and you want them alive.)

4. Very CAREFULLY, lower the can with the sample down into the main part and allow the water to SLOWLY rise up through the tissue and dirt of the sample. If you try to do this too fast, it will tear a hole in the tissue, and some of the soil of the sample will get through that will stain the sample used in the microscope examination and cause other trouble.

5. Set the separator with its sample in place in a cool place where it will not be disturbed. Allow 24 to 48 hours for the nematodes to wiggle down out of the upper sample container into the clean water of the funnel and on down into the rubber tube just above the pinch clamp. The fact that the soil is completely saturated with water makes it easy for gravity and the tendency of the nematode to wiggle, to get him

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down where you can reach him.

6. One of the best containers for taking samples of the water from below the pinch clamp is a clear plastic or glass coaster used to place under rollers of a bed or other furniture. These will allow the water to spread out over a wide area and less than $\frac{1}{4}$ " deep. Some microscopes have a very short range between the lower lense and the object. You cannot use any container that has high sides such as a beaker. Concave slides are too small. A petri dish is too large generally. The plastic coasters are available in most hardware stores.

Place the plastic coaster dish under the end of the rubber tube and slowly open the pinch clamp and allow some water to flow into the dish to a depth of NOT OVER $\frac{1}{4}$ ". Allow the water to settle, then examine the sample under the microscope set to 40 or 80 power. Move the dish slowly as you look for nematodes. There will be some dead roots and dead nematodes, but the live ones will wiggle.

SLIDE NO. 5

One variety of nematode found in human beings is called the pin worm. This is a much larger variety than the ones that attack citrus and other vegetable products. Some of the burrowing variety have a different "mouth" and some of them have a hypodermic-like beak that is used to penetrate the "skin" of e.g., a carrot. This plate was given to me by a doctor. I do not have the name of the author or the book title so I can't give proper credit for use of the picture.

There are too many types and varieties of pests to cover more than a few in a short paper such as this. Fortunately, the method of eradicating them is similar in many cases. The picture on slide 6 was taken from an ad for a poison by the Ortho Co. It shows three pests and several crops that are affected by such pests.

As mentioned at the start of this paper, you must first get the "thing" in the analyzer. The following is a general procedure that covers many pests.

SLIDE NO.6

1. Try to get one of the pests in a position that you can work with. In the case of e.g. a worm or larva such as the lower shown in slide No. 6, get one into a small test tube with a cork. 2. Place the test tube with specimen in your Eloptic Analyzer. Set the dials for general vitality 9-49, and measure the intensity of emanation. Write it down.

We assume that you have a variety of "reagents." These are test tubes of a variety of materials such as herbs, antibiotics, chemicals, etc. that can be used in destruction of plant pests. We have over 900 test tubes of "reagents" for use.

Place one (NOTE ONE) of the reagents in the instrument well with the test tube of the pest and measure the intensity of the combined emanations. Write it down. If

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it lowers the vitality (9-49) reading considerably, then leave it in the well. If it raises or lowers only a small amount, discard it. Try another of your reagents. Follow this procedure, trying one or more reagents until you find a combination that will lower the vitality (9-49) reading of intensity to zero or very near.

3. You now have something that will probably destroy the pest but of great importance is, "What will it do to the plant on which the pest was feeding?" Take a leaf from the plant involved, remove all test tubes from the instrument, insert the test tube with the leaf and again measure the intensity of vitality, in this case, of the plant. Write it down. Now insert the test tubes of reagents that were found to work on the pest. Measure the intensity of this combination. If the result shows that the reagents lower the vitality of the plant, then you cannot use these reagents. You might just as well poison the plant.

Discard these reagents and try some other reagent or combination of more than one until you find a reagent or a combination of them that will destroy the pest but will increase the well-being or vitality of the plant. Now you are ready to treat the plant to destroy the pest, and at the same time, to improve the well-being of the plant.

If you have more than a few plants you should take a picture of ALL the plants in the garden that are involved. If only one or a very few, you can take a leaf from each (NOTE EACH) plant and use that as a specimen of the plants.

4. Place the plant specimen and reagent specimen ALL together in the well of the instrument or in a "Broadcaster" and treat the plants to destroy the pest.

Not always, but sometimes, more than one pest can be destroyed at the same time. Generally, it is better to attack one pest at a time.

SLIDE NO. 7

I mentioned taking a picture of many plants. If the area to be treated for a certain pest is such as to involve several or many plants, then it is impossible to take a leaf from each plant. In this case, you must take a photograph of the larger area. Be sure to show some part of each plant in the photograph. Then the photograph print or film is used as the specimen of all the plants shown in it.

In this case you place the photograph and the tested and selected 'reagents' in the broadcaster or treating instrument, turn it on and leave it as long as necessary to produce the desired results.

SLIDE 7A-Pratt Farm Tests

Millions of trees are annually being destroyed by the Spruce Bud Worm.

I spent six weeks studying the Spruce Bud Worm situation. I went to Twin Mountain, New Hampshire. While there, I took three trips via plane over a two hundred mile oval route with the fire patrol, that covered a very large area almost

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completely covered with Spruce Trees that were being hurt by the Bud Worm. I talked with the Foresters of the St. Regis Paper Co. who own much of the tree covered area in the United States and Canada.

One of the foresters taught me a trick he had tried out that made the Bud Worm leave its hidden place of concealment and get out where he could collect them. He cut several twigs from the top of the spruce trees that had been damaged by the worms, twigs about eight inches long. These twigs were tied together with a white cotton string around the bottom end of the twigs. Then, they were suspended upside down in a large paper grocery bag where a hole was cut. The bag was closed with paper clips or staples. The string came out of the hole and was suspended under a light bulb. The worms felt the heat of the bulb and saw the light and started to crawl out of their places and up the string, to get to the tip of the twig where they wanted to eat the spruce bud. Instinct prompted them. They did not know the buds were not up above where they were.

While they are very small, about $1/16$ to $1/8$ inch long, they are brown and can be seen as they slowly crawl up the string. It is easy to use a toothpick to flick them off and into a test tube, so that they might be analyzed.

After being hatched out in later summer/early fall, the bud worm will go to a spot under a spruce needle and will weave a "hammock" under the needle, and will encase himself in a snug covered-over hammock where he spends the cold icy winter. When the spring sun and warm air awaken him, he knows the buds are ripe for him to eat. (Show Spruce Bud Worm slides.)

Where the "thing" is a long ways away from the laboratory, it may be necessary to send specimens through the mail or via United Parcel Service or by Plane. The preparation of specimens for such travel is important.

If the specimen is a soft bodied worm, care must be taken that it does not get crushed while in transit. If it is a type that is normally moist, then it must be protected from drying out. If it is an air breather, it must be provided with air.

These conditions must be given attention before packing for shipment. Moist soil without gravel or other objectionable material can be used for some varieties. Peat moss can be used for some types. Water in protected vials can be used but take care in packing so the glass tube will not be broken.

Nematodes that ordinarily live in moist soil will "drown" if kept too long in a tube of water. They will dry out if not properly handled or packed for shipment. These are just a few of the problems that we have had to consider in our years of research.

We cannot give data on all pests you will find. Attached are some plates copied

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from a government publication, *INSECTS*, published in 1952 by the Department of Agriculture. See references.

SLIDES NO. 8, 9, 10, 11, 12

There are many books available for the one who is interested in the subject. Below is listed a very few that have been of value to the writer. I recommend that you consider them.

The title of this paper is Laboratory Techniques. I have attempted to give the reader some information on a few of the techniques that we have found to be effective. We cannot cover all conditions that might be encountered.

References:

Insects. Published by the U.S. Department of Agriculture, 1952.

Write the Superintendent of Documents, Washington, D.C.

Plant Diseases. U.S. Department of Agriculture.

Organic Plant Protection, by Roger B. Yepson, Jr., of Organic Gardening and Farming. Rodale Press, Inc. Emmaus, PA 18049.

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Postlude

By: Sarah Hieronymus, Ph.D.

The foregoing material was transcribed from a series of cassette tapes, made by Dr. T. Galen Hieronymus in preparation for using this material in the autobiography he was preparing to write.

These tapes, except for editing as to grammar, and punctuation, have been rendered just as the recorded material was transcribed. I have followed my Beloved Galen's plan to include in this book certain material from his files he had already asked me to collect and arrange in chronological order for him, for this purpose.

Dr. Galen Hieronymus died on the evening of February 21, 1988, very suddenly, after a tremendous effort to save his life by Dr. George King and nurses and the emergency room crew of Rabun County Memorial Hospital, Clayton, Georgia.

His death was a tremendous shock to us and his friends. He was a happy, lively, friendly man, who looked and acted much younger than his age of 92 years (born November 21, 1895).

Since Advanced Sciences R & D is engaged at this time in working with a number of Dr. Galen's research projects, we feel that our job at present is to carry on his research, to continue to build his equipment for Eloptic researchers and scientists in agriculture, health, and allied fields of interest, and develop his interests in expanding the educational functions of Advanced Sciences R & D Corporation as he had planned in our present five-year program.

We express here our heartfelt appreciation to all those who phoned us or wrote cards expressing sympathy for our loss, which has also been expressed by many as the loss to the world of a great explorer of the Nature of Energies, an inventor, a scholar, a student of deeper truths, a loving husband, father, and friend.

His great acceptance of and faith in the Greatest Eternal Love and Sacrifice, and his expanded knowledge of nature and the forces of electricity, optics, and the essential energy of Life itself, which he called Eloptic Energy (to the study of which he devoted his life and work), marked him as a scientist of great intent and purpose.

We miss him sorely, and mourn his transition, and at the same time rejoice that he is following his own plans in the progress of his own evolution.

"He will come back! He will come back, as long as the red earth rolls! God never wastes, not leaf or tree!

"Then why should he squander souls?"

-Rudyard Kipling

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Once in a while our paths cross with someone who greatly influences our life and plants the seed for a new beginning. For me this person was Galen Hieronymus when we first met in a conference in Upland California in 1978.

Galen's presence was like a lighthouse beacon and a super electromagnet which attracted my full attention. Galen had a charisma and a specialness which one could sense in his presence which made him unique from all others.

Galen provided my first introduction into Eloptic Energy which captured my interest then and continues to provide significant challenges. I must admit my skepticism was present at the beginning but has since vanished.

Galen was a great scientist with theories of Eloptic Energy which were beyond the consciousness of the majority on our Planet Earth. Galen was a scientist with unquestionable integrity who shared his knowledge openly with all who were sincerely interested.

Galen's research and the equipment he designed and developed, repeatedly demonstrated the efficacy of his theories in everyday practical applications.

Crop quality and yield per acre can be increased significantly using the principles Galen continuously shared.

Polluted ground water supplies and toxic dumpsites can become history with application of Galen's research findings.

Lakes which have been ruined by acid rain can be restored and revitalized using principles of Eloptic energy.

The vitality of human life and animal life can be increased significantly through balance of their Eloptic Energy Fields.

Galen devoted the majority of his life to Eloptic Energy Research. Mankind is only approaching the kindergarten stage of understanding this great soul's lifetime efforts.

The earth has suffered a great loss with Galen's Transition but his research will continue to bless the inhabitants of our great Planet forever.

The research Galen started must continue until mankind's consciousness can be raised to reap the benefits forever.

Galen, it has truly been a blessing and an honor to have known you and to have been a friend and research associate. Thank you for making Mother Earth a better place, for our children and their children.

Until our paths cross again, know that you will always be loved.

—Stan Sobel